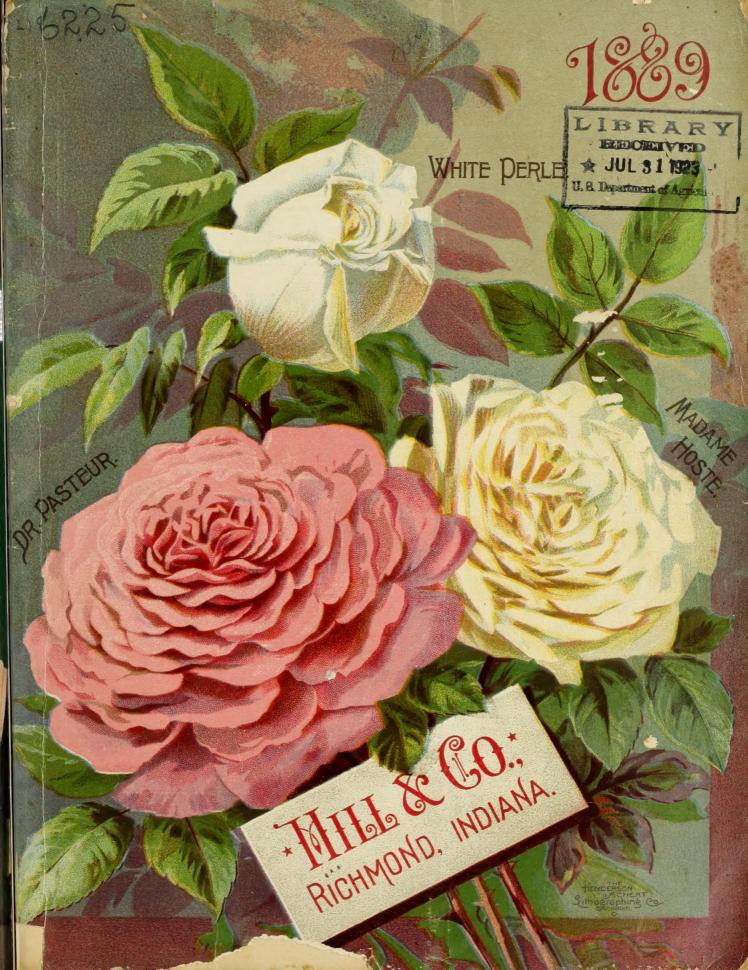
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.







IN ADDITION TO OUR CLUBBING RATES, PAGE 5,

WE WILL SEND

With Every \$1.50 Order,

The splendid novelty in Roses for the year, DR. PASTEUR. (See page 51 for description.)

With Every \$3.00 Order,

We will send the magnificent novelty in Fuchsias, MRS. E. G. HILL, and the new Rose of last year, PRINCESS BEATRICE.

With Every \$5.00 Order,

We offer the elegant new Polyantha Rose named GLOIRE DES POLYANTHAS, the exquisitely beautiful new Begonias, COMPTA and COUNTESS LOUIS ERDODY.

With Every \$10.00 Order,

We will send the following five elegant novelties: New Fuchsia, GEN'L ROBERTS; the novelty in Roses, PRINCESS SAGAN; the splendid new Chrysanthemum, MRS. JOHN N. MAY; the new Plumbago, CAPENSIS ALBA, and one nice plant of BEGONIA MIRABUNDA.

With Every \$20.00 Order,

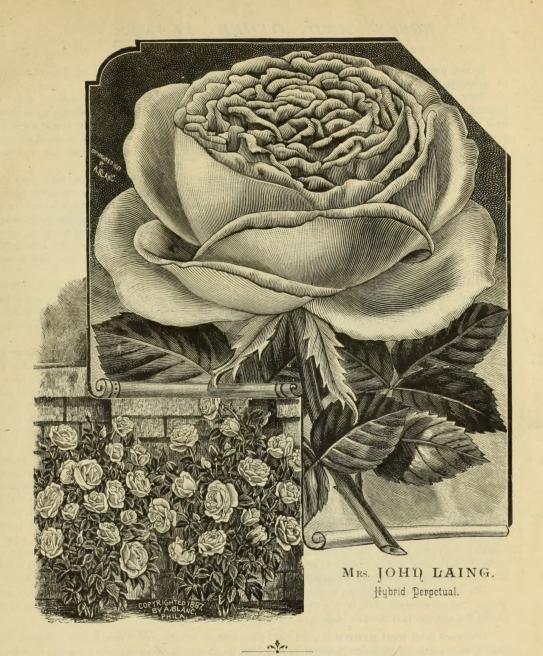
ALL THE PREMIUMS OFFERED ABOVE.

These are fully described in our Catalogue.

And we deal in the same Liberal Manner with Orders between these Amounts.

No gift from friend to friend is more appreciated than a <u>nice collection</u> of Plants and Seeds.

Assortments, suitable for Cemetery planting, put up in \$1.00 and \$2.00 boxes.



AN OPEN LETTER TO OUR CORRESPONDENTS.

Ladies and Gentlemen:

RICHMOND, IND., JANUARY 1, 1889.

We have been greatly pleased to learn from the many letters received, that the present Summer has been most favorable to the growth of plants, and that the labor bestowed has been repaid by a profusion of bloom. Only from some sections of the West and from the extreme Northeast, where a late season opened cold and wet, then suddenly became dry and hot, do we hear of any general disappointment in results.

Summer of 1888.

In our journeying the past Summer, we were delighted with the fine display of flowers and the rows of spreading trees seen everywhere.

Styles of Bedding.

A Confession. Beds arranged in natural, easy style are becoming very popular, although "ribbon" and "carpet" bedding still have hosts of admirers, notwithstanding that "high art" people frown darkly upon them. We have always had a great admiration for the typical clump of tall cannas surrounded by bright lines of scarlet geraniums, and rows of red and yellow coleus rounding the outer circle, with Mme. Salleroi or centaurea. There is something gorgeous and tropical about it of which we and our friends never tire, and which we are proud to achieve in our northern latitude.

Window Boxes. Window boxes handsomely constructed of tile, or others of simply stained wood, seem very generally used. After being planted, the soil should be completely covered with moss or clean cocoanut fiber, to prevent the earth being thrown against the window by dashing rains. And that reminds us: in filling a box or vase or hanging basket, if possible bed in the earth a roll of moss (or a sponge) containing a good quantity of bone-dust or plant-food. The moss retains the moisture, and that is one secret of success.

Vases, Hanging Baskets.

In our journey through the Lake States and Canada, we remarked the extreme vigor and brilliancy of the fine geraniums planted almost universally. Clematis Jackmanni seems to fairly luxuriate in that cold climate, where it is perfectly hardy.

June Roses

Hellebore.

In our section, we know that many persons were disappointed in their June roses, the rain blighting many buds and fading the open flowers; but for this there is no remedy, and we can only use the hellebore early and keep the foliage uninjured. By the way, many of our customers write, asking if hellebore will injure their plants. We have tried quantities of it on a great variety of plants and have always found it a benefit. Do use it early on your roses, currants and gooseberries.

South and Pacific Coast. Our Southern and West-Coast friends have kept us in a state of envy since early Summer by their rose reports. La France and Frigneuse and Folkestone and Meteor and the rest bending under loads of bloom!—to say nothing of Dijon and Neil and Waltham Climber reaching the second stories!

Society of American Florists. Readers of the horticultural papers will be glad to see the action taken by the Society of American Florists in the matter of naming plants. Where a variety has received a foreign name, they declare that it should not be translated into English without its original name being bracketed with it, thus: King of the Blacks [Roi des Noirs]; Ball of Snow [Boule de Neige]; White Swan [Le Cygne], &c. This will prevent the purchase of two plants of the same variety under different names.

On Plant

The Society also protests against a change of any plant name under any circumstances. It is often a temptation to florists to change a clumsy or uncouth name into something that will attract general attention; for instance, some old-time favorites will march through a political campaign in much finer style after being renamed "Gen. Harrison" or "Pres. Cleveland." We can assure our customers that nothing of this kind has ever been tolerated on our premises; and we are also in full sympathy with the Society in its denunciation of substitution under false labels. This year, as in the past, when we substitute it shall be under correct names, that buyers shall not have to wait till the plant blooms to find what variety has been sent them; the kind substituted shall always be of higher price or better sort than the one ordered, and even then our customers are requested to let us know if the change is not perfectly satisfactory. We believe, however, that we have never had an objection expressed to substitution carried out on this plan.

Substitution.

We wish that every customer would make known his wishes on this point when sending in his order; the words, "no substitution" will be strictly obeyed. In other cases, we will do our very best to give satisfaction in any few changes that must be made.

Our Stock

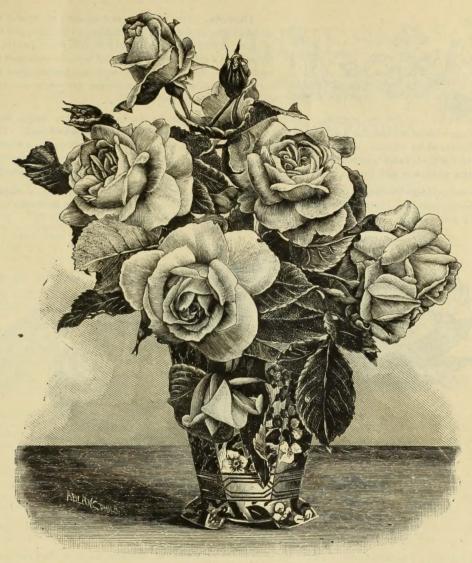
Our stock is all **well grown** in good sized pots, without forcing, and is sure to give satisfaction. Again, as in former years, we ask every customer buying from us, to express his opinion on the goods received, and in every case where perfect satisfaction has not been given, we will try a second time to make it exactly right,—for, remember, that we **guarantee safe arrival** of **good stock**, **true to label** and **good count.**

Labeling.

TRUE TO LABEL.—If through carelessness in selecting, or through plants having become mixed by accident, an order is not filled true to label, we will do our best to make the matter right when notified. Mistakes in varieties are especially vexatious, and we try in every way possible to avoid them.

Should any of our customers have friends requiring plants, to whom a copy of our Catalogue would be acceptable, we shall feel much obliged if they will send their name and address. We shall also esteem it a favor if our customers, on changing their residence, will kindly furnish us with their new address, that we may be able to send them our Catalogue.

Plants by Mail. When Plants are received by mail, let them lie in milk-warm water for a half hour, without removing the packing from the roots. Then unpack and set out in the bed prepared for them, being careful to shade from the sun a day or two,



Rose Edith Gifford.

Soil in which to Pot Plants.—The best soil for most plants is composed of two-thirds well-rotted sods (that have been previously cut and piled up to rot), and one-third of well-rotted manure, thoroughly mixed together. If the sods are not naturally sandy, it is well to add some sharp sand. This is the kind of soil we use for nearly all kinds of plants.

Drainage is of the utmost importance. Every pot should have at least an inch of broken pot-sherds, moss, or charcoal, placed in the bottom.

Watering.—Whenever the plants are dry, water so that the earth in the pot will be saturated, and no more. No water should be allowed to remain in saucers under the pots, except in the case of aquatic plants. Soft wooded plants require much more water than hard wooded.

Air.—Ventilate well every fine day, whenever air above freezing can be admitted. Do not allow cold air to blow directly against the plants.

Dust.-The great secret of growing plants successfully in the house lies in keeping them CLEAN.

Soil.

Drainage.

Watering.

Ventilation.

Dust.

For the window, "Scolla

Insects.—One of the most disgusting of these is the Scale, which attacks ferns, palms, ivies, etc., lodging on the stem and the under side of the leaf. There is no remedy but scraping off and destroying. Mealy-bug lodges in the axils of the leaves, and is easily destroyed by using an old toothbrush. Red Spider shows itself in a brown, dried condition of the leaves, and is an indication of too dry an atmosphere. Thorough spraying is the best preventive.

For the window, "Scollay's Rubber Sprinkler or Atomizer" is very useful, making it easy to moisten the foliage without wetting the wall and the floor. We can supply them by mail at \$1.00 each. The green-fly, or Aphis, is best destroyed by tobacco smoke, if the smoke can be confined about the plants; otherwise, a tobacco tea, made of 1/2 lb. of stems to 6 qts. of water, and boiled for a quarter of an hour, may be applied to the foliage. White hellebore powder, sprinkled on plants while wet with dew, is a specific against all other insects. Caterpillars are best hand-picked.

We have found powdered hellebore invaluable for out-door roses, honeysuckles, and other plants, if applied early in the season, when just leafing out. Apply a strong wash with a syringe or whisk broom. It may be necessary to repeat twice or hree times during the season; but it is the first dose, applied early, that does the work.



INSTRUCTIONS FOR ORDERING.

OUR TERMS ARE INVARIABLY CASH WITH THE ORDER.

In remitting money, a Postoffice Order, drawn to the order of

HILL & CO., RICHMOND, INDIANA,

is the safest way. Please see that there one of the STATE is written correctly, both on the *envelope* and the draft, or money order, as RICHMOND, INDIANA, is often confused with Richmond, Va. Be sure to retain the number of your Order. Money may be forwarded by Registered Letter, when Postoffice Order can not be had; by Draft, or by United States Postal Note.

Loose Money, enclosed in a letter, is at the RISK OF THE SENDER; we do not like money sent in this way.

We can not fill orders of less value than one dollar, unless ten cents additional is remitted to cover packing and postage.

Please use the enclosed Order Sheet, being careful to fill out every blank in the heading. If you write us more than once, sign your name in the same way each time. Keep your order and the letter of instructions separate from each other.

We wish our customers would in every case keep a copy of their order, and verify it on arrival of plants; this will prevent mistakes as to what they thought they ordered, but which was never written upon their order sheet; AND IF NOT TOO MUCH TROUBLE, PLEASE DROP US A CARD ON THE ARRIVAL OF THE GOODS. We are glad to know when you are pleased, and WE WISH TO KNOW OF ANY DISSATISFACTION, THAT WE MAY MAKE IT RIGHT.

Our usual care will be observed in putting up all orders, large or small, to give full satisfaction to the purchaser in the quality of the article, as well as the manner of packing and forwarding.

Orders Lost or Stolen.—Sometimes it happens that Orders never reach us. When customers fail to receive their Plants within a reasonable time, they should inform us of the fact, and at the same time send a duplicate of their order.

**OUR*PRICES

We offer you liberal Clubbing Terms. Just read through the following list of prices; you will find they compare favorably with those of any reliable firm in the country. To begin with, we offer again this year,

Sur Special Collection of Plants.

Will buy any one of the collections enumerated below, delivered safely by mail, postpaid, to any address. These collections are all fine, strong Plants, of the best varieties, and are marvels of cheapness. We can only afford to sell them so cheap by growing these sorts in immense numbers. The choice of varieties must invariably be left to us, the purchaser simply naming the number of the set or sets desired. Every plant is entirely distinct. If desired, the purchaser can halve the sets that call for one variety of Plants. For instance, "HALF OF SETS ONE AND TWO."

Our Selection, No Duplicates, and Every Plant Labeled.

No. 1.—15 Ever-Blooming Roses, 15 kinds,

No. 2.—12 Hybrid Perpetual Roses, embracing 12 of the leading varieties.

No. 3.—8 Ever-Blooming and 4 Hybrid Perpetual Roses.

No. 4.—4 Hardy Climbing and 7 Hybrid Perpetual Roses.

No. 5.—15 Finest Single Flowering Geraniums.

No. 6.—15 Finest Double Flowering Geraniums.

No. 7.—8 Double and 7 Single Flowering Geraniums.

No. 8.—6 Single, 6 Double, and 3 Scented Geraniums.

No. 9.—16 Coleus, all beautiful new varieties, or all one sort if preferred.

No. 10.—15 Chrysanthemums (no pompon). No. 11.—15 Carnations, all different.

No. 12.-10 distinct varieties of Begonias.

No. 13.—14 Fine Named Gladiolus, 14 varieties.

No premiums on these dollar collections, but gift plants noted on inside page of cover will be added.

No. 14.—20 Alternantheras, all one color if preferred

No. 21.-15 Mme. Salleroi, for edging.

No. 22.—15 Centaurea, for edging.

No. 23.-5 of the new Roses of this year.

No. 24.—1 Large-Flowered Clematis, 2 Honeysuckles, 1 Moonvine, 1 Cobœa, 1 Boston Ivy.

SPECIAL RATES TO CUSTOMERS

And Getters-up of Clubs. Mail Orders-Purchaser's Choice from Catalogue.

For	a	remittance	of	\$2.00,	you	may	select F	Plants	priced at	\$2.30
:04		6.6		3.00,		4.4	44 6 9	4.6	1. 1.	3.60
1.0			11	4.00.	-6.6				114 600	4.80
11		- 11		5.00,	6.6	16.		3.6		6.00
1.6				8.00.	6.6	144	11		44 2	10.00
1.1		3 11		10.00.	6.6	4.4	Tit to	4.6	6.6	13.00
		**		15.00.		- 11	11 11		6.4	20.00
1.6		4.4		20.00,		1.1	"	4.6	11	26.00

EXPRESS CLUBBING RATES.

Plants under this head go by Express, at the Purchaser's Expense.

For	a rem	ittance	of	\$2.00,	you	may	select	Plants	priced a	t \$2.40
4		6.6	6.6	4.00,	11:	1.0	4.4			5.00
4.		4.6	11	6.00,			- 6.6	44	64	8.00
		4.6	11	8.00,				61	11	11.00
6		11	8.8	10.00,	66	6.6	- 6.6	-6.6	Mar.	14.00
		1.1	11	15.00,	6.6	6.6		EE	11 1	22.00
4		11	4.6	20.00.	11	4.4	0.6	1.6	6.6	30.00

Individual Orders for any of the preceding amounts will be entitled to the same premium as Club Orders.

Purchasers are entitled to above rates on each order as sent in. Above premiums can not be figured on total amount sent at different times.

Express Orders.-When purchasers can afford to pay the express charges, we prefer express orders, as in many cases it gives us a chance to furnish larger plants than we could afford by mail. It will also be observed that we allow nearly double the premiums on express over mail orders. These two items furnish strong inducements for purchasers not too distant to have their orders forwarded by express.

In answer to the question frequently asked, HOW FAR we can send our plants in safety:

We send plants safely all over the Union, and have as many regular customers in California, Oregon, and Texas as in our own and neighboring states, We guarantee safe arrival to any part of our own country or Canada. We wish to remind our New England friends, who need fine Begonias and other tender plants, that we are only thirty-six hours distant from Boston.

All customers who ordered Chrysanthemum Mrs. Cleveland, or who received any of the new Japanese set, by order or as substitutes, please see remarks under heading of Chrysanthemums.





Thompsoni Plena. Beautiful variegated foliage, green and gold; has perfectly double flowers, resembling a double holly-hock, pendant; color, rich orange, shaded with crimson.

ACHYRANTHES.

Very pretty and attractive leaved plants, useful in massing and ribbon gardening, contrasting with Coleus and other foliage plants. Beautiful pot plants for the window, supplying the place of bloom in the winter with their bright colors.

Single plants, 10 cents; 60 cents per dozen.

Formosum. Rich bright yellow, with light green edge and crimson mid-rib, with crimson stems. Very fine.

Aureus Reticulatus Green, netted with yellow, sometimes dashed with crimson. Pink stem and veins Very fine.

Lindenii. One of the prettiest varieties Rich, deep, bloodred, with lighter central band

Verschaffelti. Foliage shaded from light to dark crimson.

ASPARAGUS TENUISSIMUS.

An elegant evergreen climber from South Africa; with slender smooth stems and numerous spreading branches. A handsome ornamental plant. Its plumy feathery growths are very useful for decoration. Give it a light, fibrous soil. 15 cents.



Asparagus Tenuissimus.

ALTERNANTHERA.

Plants with beautiful variegated foliage, growing from twelve to twenty-four inches in diameter, and six inches in height, used principally for ribbon lines, borders, etc.; the leaves are tinted, bordered, blotched, margined, and variegated in almost every conceivable form, with the brightest colors.

10 cents each; 60 cents per dozen; 20 for \$1.00.

Aurea Nana. New, very dwarf; clear yellow, holding its color uniformly throughout the season.

Parychoides. Leaves tinted green and straw color. A good grower.

Coecilis Amorna. A variety of strong growth; leaves from 2 to 2½ inches long and three-quarter inch wide, of a very rosy-orange tint.

Amabilis. Green, with principal ribs stained red; in strong growth, the entire leaf becomes soft rose color.

ACHANIA MALVAVISCUS.

A profuse flowering plant, producing its scarlet flowers at the end of every branch; excellent for winter blooming, beside being a first-rate summer bedding plant. Quite free from insects. The foliage is ornamental and of a beautiful shade of green, which forms an excellent background for the brilliant flowers. Of very easy culture, but shows a decided preference for a light woods-earth soil with sand. 10 cents.



Achania Malvaviscus.

ALYSSUM. (Double Sweet.)

A very great advance on the single Alyssum, it is indispensable as a cut flower, being a beautiful white, and very fragrant. A very useful edging plant; continues in bloom till November, as light frosts do not injure it.

Single plants, to cts; 50 cts. per doz.

AMPELOPSIS.

Another class of hardy native climbers; make an extraordinary growth in a year; one does not have to wait half the season for a leafy screen, for the strong grape-like branches of an established plant are covered with the new leaves very early in the season; grows in any soil.

Quinquefolia, or five-leaved ivy. A rapid grower, clinging to brick or stone, or to old trees. A beautiful green, changing to high bright colors in Autumn, and carrying miniature bunches of grape-like fruit. Price, 10 cents.

Veitchii. This vine also goes under the names of Japanese Ivy and Boston Ivy. North of the Ohio it requires a sheltered wall, or, if exposed, the younger growth will be winter-killed. It clings readily to any surface, not even excepting glass, where

it will spread its fairy-like tracery of infinitesimal leaflets and the accompanying circular suckers by which it is attached. The older leaves attain a moderate size; these are graduated down to very small ones. The texture is leathery and smooth; the foliage is closely overlapping, not a stem visible. It colors very bright in autumn; in summer it is a delicate green. By all odds the finest clinging vine in cultivation. Strong two-year-old plants, 15 cents.

AMARYLLIS.



Amaryllis.

Cultivation: The Amaryllis are an interesting class of tender bulbs, desirable for growing in pots, producing showy flowers that are very attractive and handsome. The bulb may be set out in the border after danger from frost is past. See that there is plenty of sharp sand added to a rich soil; let the top of the bulb be even with the earth. The great secret is to give this bulb an alternate season of rest and growth. When potted, give plenty of heat and water and light; while blooming, and afterward, gradually withhold water till they cease growing, when they may be kept quite dry, and at about forty degrees. No finer bulbous plant is grown. The flowers are very large, and of exceedingly beautiful colors.

Aulica. Large and extremely handsome petals, finely striped lengthwise with yellow, carmine, and green. One of the most highly prized. Price, \$1.00, \$1.50, \$2.00, according to size.

Defiance. Very large bright carmine flowers, each petal lined down the center with white, also marbled white. One of the very best varieties to bloom, even under common treatment. The people's variety. Strong bulbs, \$1.00.

Formosissima. An ally of the Amaryllis; velvety crimson; a universal favorite. 20 cents.

Johnsonii. The "old reliable." Very robust and free in bloom. Crimson flower, striped white. Large bulbs, 75 cents; medium, 50 cents.

Belladonna. A splendid species. Leaves and flowers never produced together. An autumn bloomer; color variable from delicate pink to red. Often bears four to seven flowers on a tall stem. 25 cents.

Ismene Calathina. (An ally.) A fine summer bedder; large pure white flower with greenish throat; petals extend into long points. Very pretty and fragrant. 25 cents.

AGATHEA CŒLESTIS.

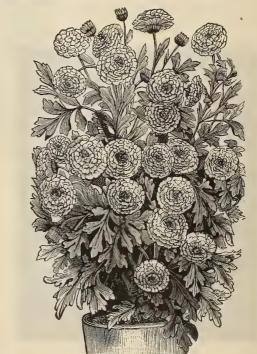
("BLUE DAISY.")

Daisy-shaped flowers of intense blue with yellow disc for center. Blooms in profusion the year round. A little beauty. 10 cents.

Anthemis Coronaria Plena.

(SUMMER CHRYSANTHEMUM.)

Bears a bright yellow flower the form of the fever-few, and a little larger. Continually in bloom in profusion. A grand summer bedder, about 16 inches high. 10 cents.



Summer Chrysanthemum.

ALOYSIA CITRIODORA.

Lemon Verbena. A favorite garden plant, with delightfully fragrant foliage; fine for bouquets and for spreading through linen presses. We never yet met a person who was not fond of its aromatic fragrance. It attains a large size in a single season; may be wintered in the cellar, not allowing it to become absolutely dry. Frequent spraying with clear water will prevent the attacks of red spider, which is also very partial to the Aloysia. Price, 10 cents.

ARISTOLOCHIA SIPHO.

(DUTCHMAN'S PIPE.)

Price, 25 cents each.

A vigorous growing vine, with broad, deep green leaves, 6 to 8 inches in diameter, and curious yellowish-brown tubular flowers, resembling in shape a meerschaum pipe. One of the finest of our native hardy climbers: will grow 15 to 20 feet in a season. A two-year-old vine trained over a screen will give complete shade in a few days, putting out its leaves with the fruit trees. Aristolochias like a sandy loam.

ASTILBE JAPONICA.

One of the finest of hardy garden plants; when in flower the plants are from twelve to eighteen inches high. The flowers are white, borne on feather-like spikes; used with other flowers in bouquets or vases, they are really beautiful. It is extensively used for forcing for winter bloom. Price, 15 cents.

AGERATUMS.

to cents each. Three for 25 cents.

Very free flowering plants, suitable for either summer or winter bloom, and bearing their flowers in the greatest profusion. They are of the easiest possible cultivation, requiring but ordinary care. No collection should be without them.

Bright Blue. Tall and bushy, and very rapid growing.

ACALYPHA.

A plant with rich tropical foliage, standing the hottest summer sun; a good bedder; fine conservatory plant for winter. Price, 15 cents each.

Macafeeana. Foliage highly colored; bright red, blotched crimson.



Culture: Give them a light, open soil, composed of rich loam, wood's earth, and sharp sand. They require a warm, moist atmosphere, and shade in summer; the finest of conservatory plants, and excellent for the window where moisture is supplied to the foliage, but don't allow the sun to shine on the leaves while they are wet.

They will grow as luxuriantly as in the green-house, if placed in a Wardian case, which can be constructed with very little trouble and expense by any carpenter. The majority of the Rex are grand outside of the case, but you will find it excellent for the use of any Begonias or Ferns that fail to make good specimens under ordinary window culture.

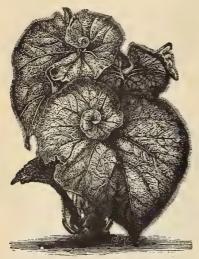
Construction of case: The tray should be about 6 inches deep, and lined with zinc; resting within this is a glass case, from 15 to 24 inches high, and of any desired dimension; it is usually opened by lifting the top, which should be hinged, and may be either flat or this shape ...

Fill the tray with sand or cocoanut fiber, and into this plunge the pots. Give ONE THOROUGH WATERING; when moisture collects on the glass, open the top an inch or two for a few hours till it disappears; watering will only be required at long intervals. Many a lady can make her own Wardian case, which will answer all practical purposes.



ROI FERD MAJOR.

NEWER REX VARIETIES.



Countess Louise Erdody.

Countess Louise Erdody. This is "The" Rex Begonia, a plant of unusual beauty and growth. We have for the past year or more devoted much time to working up a stock of this beautiful plant, and we have now over three thousand plants of this variety alone. The leaf, which has a metallic luster, appears dark silvery in the center, shading into coppery-rose toward the margin, which is broadly and evenly edged with the same hue, but darker and more brilliant. The veins are yellowish green on both sides, accompanied by a dark green ribbon, while owing to an elegant undulation of the leaf, they run in a sort of groove close to the margin of the leaf. The striking peculiarity, however, which distinguishes it from all other Begonias, consists in the fact that the two lobes at the base of the leaf do not grow side by side, but one of them winds in a spiral-like way until in a full-grown leaf there are four of these twists lying on the top of the leaf nearly two inches high. It is truly a curiosity, and one but little known in this country.

This variety retains the general character of the Rex family as to growth, but is so distinct and peculiar in its leaf development that it stands out unique and striking in all its individual beauty. The cut gives an idea of its leaf development, but does not do the growing plant justice. Price, 25 and 35 cents, and very large plants \$1.00 each.

Lucy Closson. One of the richest and most beautiful of the Rex family; a seedling of Louis Chretien, with larger leaves and brighter shades; the coloring is simply magnificent, being a combination of bright rose, margined olive green and spotted silver. Very fine; stock limited. \$1.00 each.

Lesoudsii. This is the largest leaved of any of the Rex family. It is impossible to describe in words the beautiful markings of this magnificent Begonia. It is a cross between B. Diadema and a Rex variety, but retains in a marked degree the Rex character. Excepting Countess Erdödy, we consider this the finest of all the Rex family, both in size of leaf, rich coloring, and conspicuous zone. Price, 25 cents each.

Andalusia. Broad bright green edge, with bright silver center; colors all delicately beautiful. 20 cents.

Edward Kennedy. (Discolor, upright growing.) Leaf has a very broad silvery centre, with wide dark zone spotted silver, and narrow red edge. 20 cents.

Edward Andre. Dwarf spreading grower, with very large leaves; wide metallic zone with small distinct center, narrow dark frilled edge. 20 cents.

Lerica. Long-stemmed, large leaf with broad metallic zone, and dark star-shaped center and narrow dark edge. 20 cents.

Le Florifere. (Discolor, upright.) Long pointed leaves of bright silver, with very dark veins radiating from the center. Very free flowering for a Rex. 20 cents.

Mme. Luizet. (Discolor, upright.) Bright green leaf evenly dotted with silver; fine metallic luster; not zoned. 20 cents.

Mme. Mallatea. Medium-sized leaf, body of bright silver; no zone, but edged dark green; elegantly pointed. 20 cents.

Prof. Heide. (Discolor, upright.) Immense leaf of silver gray, small star-shaped center of dark green, very Larrow line of red on edge. Extra fine. 20 cents.

Pres. Devanney. (Discolor, upright.) Silvery plum color, metallic luster, veined and edged darker; leaf above medium size; not zoned. 20 cents.

Perle Poitiers. (Discolor, upright.) Similar to Mme. Treyve; of smaller leaf, but brighter color. 20 cents.

Roi Ferd Major. Extra large leaf of fine silver, small dark starry center, and edge embroidered in the same dark shade. Extra fine. 25 cents.

Voi Lactea. Of velvety texture, broad zone of pale green, five-pointed center and narrow dark edge. 20 cents.

OLDER AND BETTER-KNOWN REX.



Duchess of Brabant. One of the softest in color and texture; dark plum-green center and edge, with broad zone of silver shading into bright green; red stem. 15 cents.

Grandis. Large leaf of silver luster, with narrow dark edge. A strong grower. 15 cents.

Golconde. One of the showiest; a broad irregular zone follows the form of the leaf, terminating in a point; edged with very dark green; red velvety stems. 15 cents.

Louis Chretien. A fine Rex Begonia of exceedingly beautiful coloring, and a very high luster, like changeable silk. Flowers large, and of a beautiful pink shade, the zone very distinctly marked and of a soft rose color. Price, 20 cents.

Lord Palmerston. Broad light metallic zone, edge and center dark red, finely dotted over with silver. 15 cents.

Mme. Treyve. (Discolor Rex.) One of the upright growing varieties, but of the distinct form and texture of the true Rex. Narrow edge of brownish plum color about a very broad soft green zone. 15 cents.

Queen of Hanover. Leaf of very soft velvety texture, covered with red pile, center and edge of soft green velvet, the zone formed by tiny silver dots. 15 cents.

Queen Victoria. Solid silvery leaf, of crepe-like texture, reddish veins, embroidered margin, and fluted reddish edge. 15 cents.

Quadricolor. Center a good red, surrounded by silver white zone, banded with light, soft green, with a ruffled edge of bright red. Very beautiful. 15 cts.

Rex. (Species.) One of the most effective of its class, though the oldest variety. Of a beautiful metallic luster, center and edge soft velvety green, with broad silver zone terminating in the point. 15 cents.

Silver Fleece. Smooth silvery leaf, with high luster and narrow dark edge; a free growing variety. 15 cents.

FLOWERING BEGONIAS,

And Fancy Varieties, Not Rex.

The very great interest manifested in Begonias the past two seasons has led us to import all the novelties of later years that are offered by the European growers as really worthy, especially in the flowering section, and we are positive of having the most complete assortment of these charming plants to be found in the country. Hundreds of varieties growing side by side provide unfailing pleasure in their study; of the easiest management, they should be in every collection of plants, especially for house culture.

Give them a light woods-earth soil and rich loam, with enough sharp sand to prevent the soil's becoming hard and packed, and do not give too much water

to the root.



QUEEN VICTORIA.

NOVELTIES IN THE FLOWERING SECTION.

Argentea Guttata. A cross between Olbia and Alba Picta. This variety has the silvery blotches of Alba Picta, and the form and beauty of Olbia. Purple bronze leaves, oblong in shape, with silvery markings. White flowers on the tips of the stems. Fine for house culture. 75 cents.

Berthe Chateaurocher. Flowers a bright currant-red; very floriferous, and resembling Hybrida Multiflora. 15 cents.

Compta. From Brazil. The leaves surmount pale pink footstalks five to six inches long, one side of the leaf narrows to the base, the other is developed into a roundish angular lobe; color satiny green, with silver tinge along the midrib. Very free grower. 20 cents.

Decora. A shrubby variety, with dark green obliquely lanceolate leaves, profusely marked with spots of silver gray. After the style of Argyrostigma. 25 cents.



Begonia Argentea Guttata.



Diadema. A distinct and comparatively new variety; color of leaf rich olive green handsomely spotted with silver. A nice grower. See cut for form of leaf. Foliage large. 35 cts.

Mirabunda. One of the most beautiful of all the new Begonias, the result of crossing B. Diadema with Rex; it is a thrifty, elegant variety; has large nicely-shaded leaves of rich clear green, marked with silver dots and marblings. See cut for form. * Extra fine. 35 cents.

FOUR NEW SUBPELTATA VARIETIES.

Improvements on Subpeltata Nigricans.

All bearing a profusion of large pink flowers, fully as fine as Rex blooms.

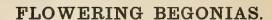
Mme. Lionnet. Ribs are lined with bands of the darkest myrtle green; body of the leaf a brilliant rosy bronze, the surface entirely covered with crimson pile. The leaf is elegantly pointed, and measures about 6 x 10 inches. 50 cents.

Pres. Boureville. Dark brown-green surface with depressed veins, the surface closely dotted with crimson pile, each pile rising from a small silvery dot. The leaf is about 4×9 inches, of very elegant shape, and exceedingly brilliant. 50 cents.

M. Hardy. Darkest bronze, nearly black, as glossy as if lacquered, sunk veins of bright red; profuse crimson velvet pile over the entire leaf. Very brilliant in color. Leaf about 5×10 inches. 50 cents.

Gloire de Juoy. The lightest of the four; color a pale bronzy green with green pile, much less showy than the other three in foliage, but when in bloom the contrast with the pink flowers is exceedingly beautiful. Leaf about 4 x 9 inches. 50 cents

These crimson varieties make a brilliant patch of color that strikes the eye of every visitor to our green-houses.



BETTER KNOWN SORTS.

Alba Picta. A perfectly distinct variety, shrubby in habit, and of very compact growth, having slender, pointed leaves on short stems. The leaves are glossy green, thickly spotted with silvery white. Foliage small and elegant. The branches are upright and gracefully curving. 10 cents.

Bruantii. By some grown under the name of Massiliensis. A very dwarf compact variety, rarely attaining more than five inches in height. Flowers pure white, produced in such quantities that they nearly hide the beautiful foliage. Price, 10 cents.

Bruanti Elegans. Leaves small to medium in size, of fan shape, and so glossy, they appear to have been triple varnished. Color a clear bright green. A very graceful shrubby shaped plant, bearing sprays of white bloom. 10 cents

Bruanti Rosea. Quite as fine as *Elegans*, while the leaves are darker in color, with veins depressed. The flower is a fine rose color. An excellent variety. 10 cents.

Caroliniafolia. A large growing variety, with leaves of the same form as the five-leaf Virginia Creeper. Glossy surface, of good green; underside covered with substance like white cotton. 20 cents.

Dr. Nachtigal. Flowers a tender rose color and odorous; the only fragrant Begonia that we know. It has large deep green leaves, and is a strong, vigorous free-flowering variety, of upright growth. Very pretty. Price, 15 cents.

Feastii. A low, spreading Begonia, with circular leaves, red beneath and dark glossy green above, and of heavy texture. After the style of Sanguinea, save shape of leaf, and being still dwarfer. Very pretty and ornamental. 15 cents



BEGONIA MIRABUNDA.



Argyrostigma Picta

Argyrostigma Picta. A handsome, compact growing variety Leaves smooth and glossy, a silvery green, dotted white, and the shape and size of the cut *Rubra* leaves. Flowers lemon white, produced in corymbs. A magnificent pot plant. 10 cents each.



Gloire de Sceaux.

Gloire de Sceaux. Still noticeable among the newer sorts. Perhaps the most valuable addition of later years. It is quite distinct from any known variety, and is a wonderful flower producer in the winter months. The bloom is borne in large, compact trusses, and the florets are large and perfect in outline. Color a most delightful shade of pink. Foliage a dark bronzy plum color, with a rich metallic luster. The very perfection of a beautiful pot plant. Habit and foliage all that could be desired. It will grow and flourish in almost any soil. Price, 35 cents each.

Gilsoni. Large leaved, smooth, upright growing. The leaf is sharp pointed and regularly toothed; long, triangular form, very elegant. Racimes of pink flowers on long stems. 15 cts.

Goury. A smooth, small-leaved, erect variety; flowers pale pink. 10 cents.

Glaucophylla Scandens. Leaves dark silvery green, with lighter edge, long, pointed, and graceful. A pretty trailing variety that can be trained on a slight support. A beautiful basket or shelf plant. Profusion of orange-colored flowers. 10 cents.

Incarnata. An erect growing variety, with narrow, sharp-pointed leaves, small, notched, and glossy. The flower is medium-sized, and bright pink. Price, 10 cents.

Lobata Variegata. Medium size, smooth, long pointed, and prottily notched; lightly edged with red; body dark green, with silvery spots. Shrubby in habit. A very good sort. 10 cents.



Begonia Metallica.

Metallica. A fine, erect-growing Begonia, with dark, rough leaves; the surface is a lustrous bronze-green; veins depressed and dark red. The depression of the veins gives the leaves a crape-like appearance. The leaf is triangular in form, much longer than wide. A free bloomer. The panicles of unopened buds are bright red, with surface like plush. When open the flower is waxy white. A very fine variety. Price 10 cents.

Manicata. A large leaved variety, surface smooth and bright green. The large panicles of pink flowers are borne high above the foliage. 10 cents.

Margaritæ. A variety with leaves like Metallica, to which it is related. It grows in round, bushy form. Leaves bronzegreen, with purplish cast. Very free-flowering. Large trusses of delicate cream and rose-colored flowers. Price, 10 cts. each.



Manicata Aurea. One of the most beautiful variegated plants within our knowledge. The plain green Begonia Manicata is a very beautiful variety, clean and glossy, bearing the veil of pink bloom above; but, when we find Manicata beautifully blotched with cream color, deepening into canary, no other plant that we know carries such bold marking nor in so pleasing combination of colors. The wood cut is a correct representation of the plant. Price, 50 cents each.

McBethii. Of the Weltoniensis type, with very deeply indented leaves, which are fine and small. Shrubby in growth, and very free-flowering, being constant the year round. A fine summer bedding plant, if given a light soil and perfect shade; put it among your ferns. White flowers, waxy in texture, carried in panicles. Price, 10 cents.

Olbia. A late introduction and a grand variety. The leaves are from seven to ten inches in diameter, and are separated into deep, sharp points. The color is varying shades of brown and red, the young leaves being very bright. The arrangement of the veins gives the leaf an uneven surface. This variety soon attains a heavy main trunk, which carries the branches into an erect form. It has large flowers of lemon white. One of the richest colored foliage varieties. Price, 75 cents.

Ricinifolia. So called from its likeness to the *Ricinus*, or castor-oil plant. The leaf is very large—will average a foot or more in diameter—and is separated into seven or nine large points, carried on thick, heavy stems, eighteen inches or more in height; color a rich green, with reddish markings; surface velvety. In bloom it is magnificent; the panicle, composed of great numbers of individual pink blooms, is lifted high and spray-like, quite clear of the foliage. One of the best for winter bloom, besides being ornamental in foliage. Price, 15 and 25 cents.

Rubella. Belongs to the Ricinifolia section, having large, velvety, deeply pointed leaves. The ribs are banded with purplish brown, while the ground is a pallid green, blotched with red. Price, 25 cents.

Richardsoni. Foliage finely cut and fern-like; flowers pure white, very free. Price, 10 cents.

Ric. Maculata. A very fine variety, with large, pointed leaves on heavy, tall stalks, like Ricinifolia; of velvety texture; a rich brown color, banded with pale green. It bears large sprays of pink flowers on long footstalks. Price, 20 cents.

Rubra. If you only have one Begonia, let it be a Rubra, for it will prove a constant delight. It is so fast-growing that it will in a year or two reach the top of your window, sending up heavy, stiff canes, an inch in diameter, and rising beside them will grow strong, slender branches, gracefully drooping under heavy waxen leaves and pendant panicles of coral-colored flowers as large as a hand. We have seen a medium-sized plant with more than twenty such panicles at a time. Among the individual flowers you will find three distinct forms growing side by side. One of the most wonderful plants within our knowledge. Price, 10 cents.

Semperflorens Amelia Bruant. A wonderfully free growing Begonia, of sterling worth and great beauty. This has the habit of frequently blooming at the junction of the ribs of the leaf, and it imparts a novel appearance when exhibiting this peculiar character. However, this peculiarity is not fixed, for like the other varieties it also flowers from the axil of the leaf. The plant is very compact in growth, forming a dense, well-proportioned bush. Flowers carmine rose, and produced in great abundance during the winter and spring months. We recommend this very highly to all who love good Begonias. Price, 25 cents each. See cut, page 15.

Subpeltata Nigricans. Upright growing; color a dark red, overspread with a distinct silvery shade. Pink flowers. Very fine for pots, vases, or baskets, as it is free and bushy in growth. Price, 15 cents.

Semperflorens Elegans. This fine variety attains a height of 12 or 14 inches, and is a compact mass of medium-sized, glossy, olive-green leaves. It is so free in bloom as to present the appearance of a fine bouquet; the flower is a rosy flesh color, shaded with bright rose, and enlivened with dense clusters of yellow anthers. It blooms continually, but is freest in the winter. Price, 35 cents.

Sanguinea. Leaves dark reddish green, pointed, stiff, glossy, and smooth-edged; underside dark crimson. A spreading variety, neither trailing nor erect-growing. Flowers white. Shows well on a bracket. Price, 10 cents.

Sandersii. The stalks rise from a main root without side branches. Leaves small, smooth, pointed ovals. Each branch bears a cluster of drooping scarlet, heart-shaped buds, which are very lasting. Constant bloomer. Price, 10 cents.



Semperflorens Gigantea Rosea. One of the best Begonias. The following are its strong points: It is vigorous and erectgrowing; one of the strongest. It has a very large flower, of a clear, definite cardinal red, the bud only exceeded in beauty by the open flower, which is borne on a strong, thick stem. The leaves are smooth and glossy, and attached closely to the main stem; both leaf and stem quite upright-growing, and forming a shrubby, round plant. It flowers continually from October to May, and is withal one of the most satisfactory plants in the whole family. Price, 35 cents.

Sunderbruchii. In habit like Ricinifolia; foliage not quite so large. The leaf is separated into nine sharp points; surface bright metallic green, with veins marked and broadly shaded with velvety black. It bears large panicless of pinkish white flowers high over the foliage. As fine as Ricinifolia in every point but size, which it nearly approaches, and quite superior in form and shading of leaf. Price, 25 cents.

Verschaffelti. Very tall and robust, similar to Gilsoni, but less notched and pointed. Long stemmed pink flowers. A magnificent ornamental leaved variety, which throws its flower stems 18 to 24 inches in height. Blooms in the winter. Price, 25 cents.

Weltoniensis. This is the most widely known of the species; if it were harder to grow, or more expensive, it would probably be more sought after. With the least possible trouble this plant can be grown into an object of surpassing beauty. The leaf is delicate green in poor soil, but enrich it with a little old rotted manure and heavy velvety shadings of black appear on the maple-like leaves, every branch bearing its delicate bunch of rosy pink bloom. May be bedded in the summer like McBethii. Price, 10 cents.



BEGONIA AMELIA BRUANT,



Tuberous Rooted Begonias.

Tuberous rooted Begonias are among the handsomest of our summer blooming plants. They thrive finely when bedded out in a partial shade, and are objects of great beauty the entire summer, rivalling the Geranium in purity, depth, and intense coloring. Not only are they good bedders, but do admirably grown in pots. When through flowering they can be dried off, shaken free of earth, and wrapped in cotton until February or March, when they may be started again. This section also likes a light leaf mold soil, sand, and a small portion of thoroughly decomposed cow manure.

Again, this year, we have imported our bulbs from one of the best French growers.

		Bulb.	I	oz.	
Single	flowered	d, white\$	0 25	\$2	50
1.6		brilliant red	25	2	50
Double	e flowere	ed, pure white	35	3	50
	6.6	bright rose	50	5	00
11	1.6	rich dark red	35	' 3	50
	! 4	bright yellow	75	7	50



TUBEROUS ROOTED BEGONIAS.

CALADIUMS.

FANCY-LEAVED CALADIUMS.

We have a fine collection of first-class, distinct, brilliantly marked varieties. These plants are especially valuable for decorating conservatories, window boxes, and as specimen plants. Most of the varieties succeed finely in partly shaded warm out-door borders, in light, rich soil, if planted early in summer. They are never as large as Esculentum, but the brilliant cardinal red, cream, pink, and various shades of green that are displayed in the veinings and blotches of the leaves can not be obtained in any other class of plants. For arranging floral baskets or table decorations, the leaves are quite as handsome as any flower.

Price, 20 cents each, for fine, well-dried tubers. Six distinct varieties, \$1.

Annibal. Bright crimson veins on rich green ground; spotted carmine.

Boildieu. Bright crimson center, deep green margin.

Berose. Deep green, spotted, red veins and crimson midrib, light green center.

Canærti. Green, spotted white, crimson center.

Candida. Clear white ground, strongly marked ribs and margin.

Chantini Splendens. Spotted rose and crimson, brilliant center.

Duchartre. Ground white, flushed rose, green veins and red spots.

Jupiter. Green ground, splashed with white, bright crimson midrib.

Louis Duplessis. Red rays and veins, on a white ground, green margin.

La Perle du Bresil. White, delicately tinted with rose, midrib and veins dark green; large and transparent; one of the loveliest in cultivation.

Louis Poirier. Crimson ground, white spots and green margin; finely marked.

Mme. Alfred Bleu. Deep green, white blotches, broad veins of crimson scarlet.

Mme. Fritz Keehlein. White ground, violet rose ribs, green veins; very handsome.

Meyerbeer. White, veins green, midrib red.

Mme. Marjohn Schaeffer. White foliage, beautifully veined and netted rosy lake.

Max Kolb. Light green ground, with pale center.

M. J. Linden. Whitish leaf, metallic reflections, coral-rose veins, and white netted border.

Sanchoniatum. Crimson center, deep crimson ribs, and peagreen margin.

Sieboldii. Fiery red center, spotted with claret red

Triomphe de l'Exposition. Crimson center, bright red ribs, and green border.

Princess Alexandria. Rosy salmon leaf, green midrib, bordered magenta-crimson, margin netted pink



Caladium Esculentum.

Caladium Esculentum. Very effective, and suitable for either a single plant on the lawn, masses in beds, or margins of water; it's very distinct, apron-like leaves often attain the length of three feet, by twenty inches wide, and have a rich



FANCY LEAVED CALADIUMS.

tropical effect. The growth is very rapid, and the ground must be made rich. Watering in dry seasons will help develop large leaves. Bulbs can be stored in dry sand in winter and kept from year to year. 25 cents each, \$2 per dozen

CANNAS.



Canna.

For effectiveness on lawns in large beds nothing is more tropical and impressive than a bed of Cannas. They require to be grouped so as to be at once suggestive of an artist's hand; and while all varieties are meritorious, there is a limit to the number of very distinct kinds. The glorious *Ehemanni* has been praised by everybody, and it matters not whether this is grouped

with others or planted singly - its beauty is equally displayed. As to culture, this is the main point: Cannas, to be effective, must be planted in the richest soil, deeply dug, and heavily manured; when the foliage has died down in the fall, the tubers

may be dug and divided, potted up and used as window plants;

this is the safest way to winter them.

New Canna, "Noutoni." When Canna Ehemanni was introduced we thought the limit of perfection in Cannas had been reached, and while this cannot detract from the beauty of Ehemanni, the latter pales before this blazing flame of color. It is a tall, robust grower, with foliage of great beauty, and a remarkably profuse bloomer, producing immense spikes and side sprays of very large flowers, the coloring of which is simply dazzling in brilliancy—a velvety scarlet vermilion gives some idea of it, but the lifelike texture of the flowers cannot be described. Price, 35 cents each.

Ehemanni. This is a beauty in every sense. The massive deep green leaves alone would make it a valuable acquisition; but when we see its magnificent crimson flowers, over three inches long and two inches wide, suspended from its deep red, whip-like flower stalks, it is difficult to find words to express our admiration - so different in general character that it is hard to believe it is a Canna. The growth of the plant is remarkably strong and robust, growing from five to seven feet high, each stalk terminating with a long flower spike. Price, 25 cts.

Brilliantissima. A highly colored, dark crimson-leaved Canna, with a rich metallic luster. Leaves two feet long, borne erect. Plants attain six to eight feet in height. This is one of the most beautiful Cannas in existence, and unrivalled for richness of color and stateliness in growth; no description can convey an idea of its beauty; the varying shades are so intermingled; it combines grandly with the other two varieties named, and is the tallest of the three. Very scarce. Price, 25 cents.

CLEMATIS.

The following magnificent varieties all carry flowers four to seven inches in diameter, growing rapidly and flowering very profusely after becoming well established. They delight in rich soil and a sunny position, and are perfectly hardy. For pillars, trellises, bedding in masses, or planting about rock-work, the Clematis cannot be excelled. The following is a most desirable collection in every respect.

Jackmanni. The flowers, when fully expanded, are from four to six inches in diameter, intense violet purple, with a rich velvety appearance, distinctly veined. It flowers continually from July until cut off by frosts. 50 cents.

Miss Bateman. A magnificent plant, both in growth and flower; the blooms are large, of good shape, pure white, banded with creamy white; creamy white down the center of each sepal.

Lawsoniana. Rosy purple, with darker veins; distinct and very large. One of the best known. 50 cents.

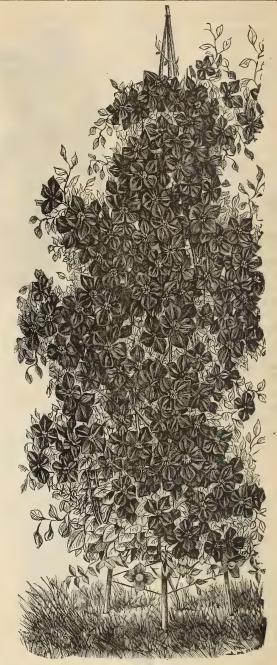
John Gould Veitch. Large flower of rosette shape; color fine lavender blue. An exquisite variety. 50 cents.

Lady Caroline Neville. Flowers from six to seven inches in diameter; color delicate blush white, with broad lilac band through the center of each petal. 50 cents.

Lucie Lemoine. Fine double white; very large, half globular in form when opening. Best double white. 50 cents.

Jackmanni Superba. Habit identical with Jackmanni, but carrying a larger flower of a rich violet color.

Lanuginosa. Six to seven inches; an early summer bloomer; pale mauve. 50 cents.



Clematis.

All the varieties enumerated above are large flowered and must not be confounded with the common American native, such as Crispa, Coccinnea, etc.

3 varieties,	3	plants		 							 		 			. \$	1	25	,
5 varieties,																			

Flammula. A rapid growing vine, of great freedom in bloom, the flowers being quite small and pure white. Perfectly hardy 25 cents.

CARNATIONS.



L. L. Lamborn.

Too well known to need any formally written introduction. It may be observed that we are now coming into possession of varieties that are marvels of beauty and greatly superior to kinds that existed some few years back. Treat like other bedding plants; tie up the young shoots to a stick as they grow, and set out as early as the ground can be worked. Fine window plants when lifted in the fall. Keep them cool.

AMERICAN FLORIST. (New, Swayne.) A variety after the general coloring of sunrise; ground, a deep buff, marked with very wide stripes of orange scarlet. A showy variety, greatly admired. 15 cents.

American Wonder. Very dwarf and bushy ingrowth, producing very large perfectly formed flowers of bright cherry pink. An excellent variety. 10 cents.

B. A. Elliott. Color brilliant vermilion scarlet, flower Camelia shaped, borne on long stems. 15 cents.

Buttercup. Of a deep, rich yellow, like Marechal Neil, with a few streaks of clear carmine, a very near approach to a pure yellow. The flowers are large, and double; it is a healthy and robust grower, a persistent bloomer, and does not burst its calyx. It is specially valuable for cut flowers during the entire summer months. One of the very finest Carnations on our list; has proved worthy of a first place among standard varieties. A universal favorite. 10 cents.

Chester Pride. One of the most desirable Carnations for winter flowering; never bursts the calyx, large and double, colors very distinct; pure white, striped and penciled rosycarmine. 10 cents.

E. G. Hill. Is pronounced by those competent to judge, to be the *finest scarlet* Carnation ever introduced. It has all the good qualities of a perfect Carnation, and no defects that we have ever discovered. The color is a rich deep scarlet, and the flowers are 2 to 2½ inches in diameter, of most perfect mold; the petals are perfectly crimped, making the flower very full and rounding, with edges most beautifully fringed. Nearly all the flowers are produced on long stems, and it is early, exceedingly vigorous, and a pro-

lific bloomer. 10 cents each.

FIREFLY (New.) Habit like Crimson King, but a much richer shade of bright crimson; flowers borne on long stems.

GERMANIA. (New.) A rich deep canary color, without blotch or shading. Flower very double and quite circular, 2 to 3 inches in diameter, with smooth petals. Fine branching habit. 20 cents

Garfield. A strong growing bushy Carnation; fine blood-crimson, petals shell shaped. A very abundant bloomer. Late. 10 cents.

Gambetta. A very beautiful Carnation, the ground color being a delicate shade of pink heavily striped and blotched in bright carmine. 10 cents.

Grace Wilder. One of the most beautiful colors among Carnations, a soft shade of carmine pink. A dwarf, but robust grower. Very desirable. Cultivated by thousands around Boston. 10 cents.

Hinzey's White. One of the finest white Carnations in cultivation; flowers very large, and of perfect shape; color white, with a delicate tint of pink; rich clove fragrance. A continuous bloomer. Has no superior as yet, taking all its good qualities together, but not an absolute white on first opening. Color beautiful. 10 cents.

Jos. Perkins. One of the most fragrant Carnations we have met. Color a soft pure rose. A continuous bloomer. 10 cts.

L. L. LAMBORN. (New; raised by Wm. Swayne.) Pure white, large flowered, and of very heavy texture. One of the very finest white varieties, and much used by florists as a valuable cut flower, as it keeps a long time after being cut. 15 cents.

La Favorite. (Le Favori.) A grand pink variety of rosy salmon shade; quite fragrant; a strong growing, free flowering variety. 15 cents.



Silver Spray.

MAUD GRANGER. (New.) Very beautiful, waxy white ground color, sometimes lightly penciled rosy crimson in the center. extra free blooming variety. 15 cents.

Mrs. Cleveland. Raised by Lonsdale & Burton, Philadelphia. A most magnificent silvery pink flower, with edges slightly serrated. Flowers very full and well built up in the center. Spicy fragrance; free flowering, and in every way desirable. Very fine for cut blooms during summer. Price, 10 cents.

Portia. The most intensely bright scarlet; flowers of medium size. A perfect Carnation in health, vigor, habit, and color. First-class. 10 cents.

Philadelphia. A variety quite after the style of Chester Pride, but the penciling is heavier, of dark crimson. Beautifully fringed. 10 cents.

PRIDE OF KENNETT. (New.) A grand variety, raised by Swayne. A magnificent dark red color of rich velvety texture; flowers of more than medium size, and produced very freely. 15 cents.

Sunrise. A grand one; vigorous grower; habit good; color light buff, flaked with bright red; flowers large, and of good shape; fragrant and free; does not burst, and can be cut with long stems. Unsurpassed for pot culture. 10 cents.

Silver Spray. Raised by Simmons, and a variety of great worth. Strong, robust, but very dwarf in habit, rarely exceeding fifteen inches in height, but of bushy, compact growth. Unusually free blooming; flowers produced on long stems, very large and perfectly formed. Never bursting, pure white in color, and beautifully fringed. Price, 10 cents.

The Century. Of remarkably strong, healthy growth, medium height, and an early, constant bloomer. Of a rich, glowing carmine color, full and double; rich clove fragrance. 10 cents.

WHITE GEM. (New.) A strong, healthy grower, of very compact form; flower's large, and double; finely fringed, and fragrant, and of the purest waxen white. Raised by Buxton, Nashua, N. H. 10 cents.

W. W. Coles. Very dwarf and of nice bushy growth, forming very long flower stems, each individual flower possessing a stem varying from 3 to 8 inches in length. Perfectly formed flowers, never bursting, and a won-derful variety to bloom. Color a soft yet bright tone of scarlet. We unhesitatingly recommend this sort. 10c.

WM. SWAYNE. (New.) One of the very finest whites of later years; as good as Mile. Carle, and a better, stronger grower. The flower is beautifully formed, and of great substance. Cut blooms of it and L. L. Lamborn sent us from Philadelphia reached us in perfect condition, as if just taken from the plants.



Wm. Swayne.

CHRYSANTHEMUMS.

NOVEMBER 20, 1888.

The State Chrysanthemum show at Indianapolis is just over, and we have had the honor of taking FIRST PREMIUM. We are very proud of it, and while everything is fresh in mind, we want to give our readers the benefit of our notes on culture and varieties.

In the list below we shall catalogue only sorts that are STRICTLY FIRST-CLASS. We have bloomed nearly 300 varietes this fall; a good many dropped below the standard and are discarded.

We catalogue only varieties of which we have plenty of healthy stock plants from which we can supply any reasonable demand, except where noted "stock limited."

We begin to propagate AT ONCE, that our earliest Southern customers may be accommodated promptly in January.

Last year, at the time of going to press, we had a nice quantity of large stock plants of Mrs. Cleveland. We were unacquainted with its constitution, but, like everybody else, had been struck with its beauty at the Eastern shows. It proved very delicate, and we lost one propagation after another.

We tried to buy it, "regardless of cost," from every firm suspected of having it; we secured, all told, about 150 plants, when we needed several thousand! We finally sent to each customer who had failed to receive Mrs. C., as

ordered, two varieties in place — Timbal d'Argent (10 cents), and Cullingfordii (20 cents) — two grand sorts, the latter especially, attracting universal attention.

That Japanese Set. On blooming our numbered varieties we found that Nos. 6, 7, 8, 15, and 22 were identical; customers having these numbers please label them Unique. (See description.)

Nos. 5 and 20, soft pink, please label Silver Spray. No. 26 is identical with Pyfer's Wm. Singerly.

We shall withdraw the entire numbered set, except those named above, to avoid confusion of names with two other florists who have named their sets.

Any one who purchased the set, or received substitutes from it which were not perfectly satisfactory, please write us at once. We confess to disappointment in all but four of the varieties.

We have thought each year, for the past three years, that the Chrysanthemum fever was dying out; however, it seems on the increase, and we fully believe the Chrysanthemum Show is coming to be as fixed a fact of November as Thanksgiving.



A GOOD INCURVED.

As everybody is anxious to grow the flower in good shape, we shall give as plain cultural directions as possible for our customers; there is no reason why any amateur may not show just as fine specimens at the exhibitions as are shown by Florists

WHEN TO PLANT. The Chrysanthemum is easy to please on this point; any time after the ground can be worked, even up to June 20, will give you good blooming plants in the fall.

DISBUDDING AND STOPPING. When your plant is 6 or 8 inches high, cut back to a height of 4 inches; allow 4 shoots to grow from this main trunk; when these 4 shoots are 4 inches high, pinch out the terminal bud, and save three or four of the branches that will spring from each of these limbs. Allow these last branches to attain a height of 9 inches; then disbud for the last time. Mr. Lane, the well-known amateur of Chicago, sums up in this style in The American Garden: "One trunk, 4 branches, 12 limbs, 48 flowering stems, with about 386 buds; a well formed plant." Never allow one flower to crowd another on the stem, or both will be spoiled.

SOIL. Dig the ground deep; put in quantities of manure; if



MRS. A. BLANC.

ever a plant was proved a heavy feeder, it is this one. If well provided in this respect, it will produce fine, large flowers.

WHEN TO LIFT. In localities subject to heavy frosts in October and November, plants should be lifted into large pots or boxes by August 20th; after lifting, drench thoroughly, and never allow them to suffer for water; give manure water, if possible, once a week.

If protected from frost by sheeting they need not be brought into the house till well into October; and when brought in, place in a room without fire, and give plenty of air when not frosty.

In cold climates, winter in the cellar.

BLACK APHIDES. Nothing destroys this troublesome insect so easily as clean cold water dashed on forcibly with a syringe.

PHILADELPHIA PRIZE SET OF 1887.

(These also took First Premium at Indianapolis.)

Mme. Drexel. A large Japanese variety in the general style of Mrs. Frank Thompson; the flower is more incurved and the habit more compact. Of vigorous growth, and a very free bloomer. Outside of petal silvery white, inside bright pink at the tips, shading to white at the center; (see cut of "Good In-

curved" for form.) Holds finely in bloom, and lasts well when cut. 25 cents.

Mrs. Isaac C. Price. A lovely yellow, bright as gold; bloom very large, petals long and slender, arranged in a whorl while still incurved. Not at all like any other yellow. A magnificent pot variety of the most delicate feathery appearance. 25 cents.

Mrs. M. J. Thomas. Of the purest white, without shade or stain. Incurved so that no center shows; the petals are very broad, of the heaviest texture, and tightly incurved; a massive flower of great size and substance. 25 cents.

Mrs. J. N. May. Exactly like Mrs. Thomas, except in color, which is a soft clear yellow; these two are fine companion pieces, flowering at the same time. 25 cents.

Mrs. A. Blanc. Center of floret erect; outer petals horizontal or drooping, of rosy lavender, center soft clear rose, with a touch of gold in center. An exquisite rosy flower. Good grower. 25 cents.

Walter W. Coles. Very bright reddish terra-cotta, reverse pale yellow; outer petals broad, long, pointed and horizontal; center short petals, bright gold folded into pointed threads, and whorled. A very large flower, and exquisitely beautiful. 25 cents

L. Canning. A most exquisite white, absolutely pure; the flower is quite regular in form, very large and flat, the length of petals graduating to the center. A little later than Puritan, to which it is a grand successor. Reminds one of a large satin rosette. 25 cents.

Elkshorn. (Stock limited.) An extra large incurved flower of soft pearl color; after incurving towards the center, the petals, which are nearly tubular, rise, and from the tips three gracefully formed branches arch upward. An exquisite variety in both color and form. 50 cents.

Mrs. Richard Elliott. Another grand yellow, in every way distinct from Mrs. Price and Mrs. May. The form is regular, very double, showing no center, very large, and slightly recurved; petals long, and of medium width. A grand exhibition variety. 25 cents.

Mrs. Howells. A very fine red and gold variety; outer petals broad and velvety, and reflexed; inner petals incurved, forming a round golden ball. Very brilliant. A fine show variety. 25 cents.

A SPECIAL PREMIUM

Was awarded to E. G. Hill & Co. at the 1888 Chrysanthemum show of the Agricultural Society of South Carolina, for 24 cut blooms of named and distinct varieties.



EXACT FORM OF MRS. MAY AND MRS. MILL.

NEW FRENCH VARIETIES OF 1888.

25 cents each

Anna M. Payne. Very large; long twisted petals; an immense irregular plumy flower of white, touched with clear lavender; center very pale yellow of short petals in a whorl.

Anatole Cardonnier. Petals threadlike, twisted, and recurved; of carmine, shading into amaranth; center upright; flowers of great size, and very double.

Belle Poitevine. (Early.) Large spherical snow white; the most regular and perfect incurved. A grand variety. Though regular, very soft in outline

Bettina. Beautiful clear bronze, incurved; large flower of long petals; reverse silvery.

Benoit Rozain. Beautiful satin rose color; flowers very large, with large concave petals. One of the best rosy pinks.

Capucine. Center brownish yellow, incurved; a very large half globe. Very soft and "fluffy."

Condor. Very broad petals (½ to ¾ inch) flexible and pendulous, they fall in any position; purest white; one of the most noticeable.

Cythere. Bright rosy violet; immense flower; in ball shape, and of even coloring.

Delie. Cord-shaped petals of old gold, just touched with Siennese red; forms an almost perfect ball of great size; an extra beautiful variety in this color.

Elsie. Rich cream color; very perfect in form; very double, and a perfect example of a good recurved variety. Stock limited.

Emile Belloc. Delicate long petals, finely striped in amaranth and white. A plant in full bloom is covered with a veil of rose color.

Fee Melusine. Very odd and beautiful; the petals rise like rays, long, slender, and straight; center of petal white, edged carmine.

Fred Hart. On opening is irregularly incurved, gradually becoming recurved; color rosy lilac, turning to white in the center.



G. F. MOSEMAN.

Gustave Nadaud. A grand variety; very long creamy white petals of heavy cord-shape rising regularly to form a ¾ ball. Both color and form unsurpassed.

Harman Payne. Flowers very large, with long petals; color bright rose; reverse of petals a paler shade.

Jeanne Dauriac. Soft recurving petals, also reflexed; of the most gorgeous orange color, but flower of medium size.

Livadia. An improved Timbal d'Argent; larger, and not so compact, having a softer appearance, and bringing fewer imperfect flowers.

La Tosca. Bright red, with umber shadings; center golden yellow. A gorgeous plant in the sunlight, though the individual flower is not very large.

Magicienne. Fine orange buff, largest size, petals spathed, with bud-like center; very fine; color very striking; early.

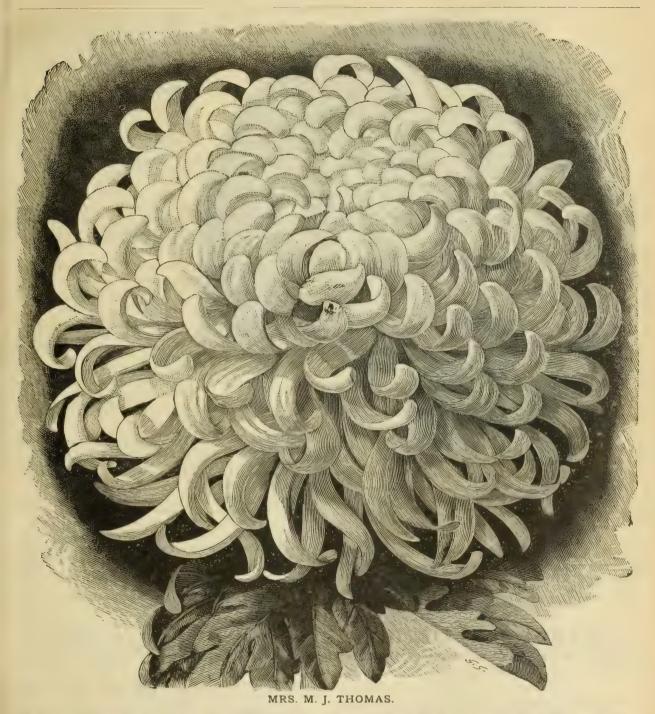
Mme. C. Audigier. One of the very finest in pink; large, soft, and feathery; slightly recurved, but irregular. A magnificent variety.

M. Pierre Destombes. Petals 3 to 4 inches long, entirely tubular; soft rosy pink, tinted saffron at the center. After the general shape of Mrs. Cleveland; does not show the dark receptacle as that variety does.

M. Le Prefet Rondineau (!!). No other Chrysanthemum is anything like this one. The petals are very slender, needle-shaped. The body of the tube is a delicate dove color, showing a silvery shade at each extremity of the tube; is not spathed at all. Exquisitely shaped and shaded.

Mme. Lay. Soft pink, lighter center, very large and informal, upright petals; half spherical. Extra fine.

M. Castex. Very large anemone flowered of pure even lilac.



M. Cipiere. Petals like heavy seine cord, tinted delicately in cream, pink, and white. One of the very finest in the set; flowers of extra size.

M. Phatzer. Tubular petals, with very prominent spathe; outside of tubes pale pink, showing a pure white lining.

M. Louis Langlois. Petals half tubular, golden yellow, and

brownish red; when fully expanded, the tubes open, and are convexed and arranged in immense turbine form.

Nelson. (Originated in England.) Immense flat anemone form; 5 to 6 inches in diameter even on small plants; color odd shade of ashes of roses and fawn pink; a peculiar variety.

Sabine. Soft canary yellow, of exactly the form of Timbal d'Argent: that is, a medium-sized anemone; very beautiful.



(French Varieties, continued)

Sec. Barrott. Chamois, and red and gold, of needle shape, with yellow center; very soft and informal. (Early, Oct. 20.) Petals upright and twisted.

Note.—No French set of Chrysanthemums has ever contained so many excellent sorts; kinds that are really remarkable. There are only three or four which are not of grand size, and those are remarkable for form or color. Read the descriptions carefully. If you don't like the amaranth shades, you will find plenty of clear or high colors; these are our descriptions (not the raisers'); we know whereof we speak. These 30 sorts are selected from over 150 imported varieties.

STANDARD VARIETIES,

INCLUDING MANY GRAND NOVELTIES OF LAST YEAR.

15 of our selection for \$1.00.

(Name your preference as to color.)

Alfred Warne. (Chinese.) A pure white Chinese, very incurved and compact. A magnificent variety. 10 cents.

Boule de Neige. (Chinese.) A remarkably fine white, of perfect form and good contour. A general favorite. (Blooms Oct. 20.) 10 cents.

Bessie. (Pyfer's.) A beautiful single variety, with creamy petals and golden yellow center; very early; flowers 4 inches in diameter; like an immense ox-eye daisy. 10 cents.

Cullingfordii. Reflexed, brilliant velvety crimson, shading to scarlet. No other variety has yet approached this in color; there is no suspicion of violet or lilac shading about it. Early. 10 cents.

*Christmas Eve. Late. Extra fine white, each petal curved and twisting; an odd, but soft and feathery shape. Large. 10 cents.

Charles Delmas. (Chinese.) Bright brick red in color, with silvery shadings; petals large, and the flower of extraordinary size and of fine circular form. 10 cents.

Diana. (Chinese.) Rather dwarf growing, but very free in bloom; long outer petals flat, center petals short and quilled; of the purest white. An excellent and useful variety. 10 cts.

Duchess. (Jap.) Rich deep red, each petal tipped golden yellow; flowers large and borne in great clusters; foliage rich deep green. 10 cents.

David B. Hill. Enormous flower of beautiful canary color; petals long, flat at the end, but quilled at the base. A fine yellow. 15 cents.

Dr. Hogg. Large, and a little more than semi-double, showing a yellow center; it will long be an indispensable variety on account of its color; a fine shade of bright velvety crimson. 10 cents.

Dr. Metzger. (Pyfer's.) Seven inches in diameter; clear golden yellow, reverse of petals lightly penciled brown; a little more than semi-double, with yellow daisy center; beautiful foliage; a fine, showy plant. A first premium at Philadelphia, 1887. 20 cents.

Flambeau Toulousain. The prettiest Pompon, and the earliest Chrysanthemum to bloom. Plant completely covered with heavy clusters of delicate rosy lavender flowers, pointed with white; pure white when full blown. 10 cents.

Frank Wilcox. (Chinese.) Flower with erect petals, slightly toothed; above medium size; rich golden amber, slightly shaded deep bronze; one of the best to last; has the effect of bright orange in full bloom. 10 cents.

F. L. Harris. (Jap.) Bright cinnamon red, a new and fine color. Distinct and good. 10 cents.

Golden Prince. Pale primrose yellow; very free; a little more than medium-sized, slightly recurved, a few petals quilled; a very profuse bloomer, with dark, handsome foliage. Blooms out of doors first week in October. Not injured by frost. 10 cents.

Gloriosum. Delicate petals of great length: very large, flat, whorled center. A lovely clear yellow. Very early. 10 cts.

George Maclure. Seven to nine inches in diameter; purple shading to amaranth on opening, becoming pale lavender, with deeper markings. 25 cents.

Gladys Spaulding. (Spaulding.) An exquisite variety; in form like Timbal d'Argent (raised anemone center.; long, flat, outer petals); of the brightest clear yellow. An extra fine variety. 50 cents.

G. F. Moseman. (Spaulding.) An extra large variety, of the perfect overlapping type, 8 to 9 inches in diameter; shows no sign of center; like an immense, soft ball; color deep chamois, each petal lined with terra cotta A fine grower. 30 cts.

Geo. Bullock. A very beautiful early pink variety, of rosy shade; flowers quite double; a half ball of upright petals; glossy finish. Large. 25 cents.

Grand Mogul. Flowers enormous in size, and bearing broad petals; color violet amaranth, lined with white, reverse of the petals white. 10 cents.

John Thorpe. Seven to eight inches in diameter; broad, flat petals, except the under row, which shows some tubular ones: color rich velvety lake. A very early bloomer. A fine variety. 15 cents.

Jas. G. Blaine. The darkest colored Chrysanthemum on the list. Deep walnut brown, with touches of dark crimson, and a suggestion of gold dust; outer petals level, center slightly incurved. Very fine. 20 cents.

Jennie Y. Murkland. (Jap.) Very large, with flat surface, from which rise long, tubular petals. Rich golden-yellow, shaded apricot and rose. Superb. 10 c.

Kingsess. Rosy pink; enormous double flowers of great substance. Very beautiful. 15 cents.

Lord Byron. (Jap.) A universal favorite, desirable in every way. Tall and bushy in growth; flowers a rich orange, tipped with red; whorled feathery center; petals broad and abruptly pointed. 10 cents.

Lucrece. (Waterer.) Sweet heliotrope scented. Very pure white, large, flat flower. A grand variety for any purpose. 25 cents.

Le Tonkin. Flesh white, tinged and shaded with rose. Perfect flowers produced in great bunches. Very beautiful, and one of the earliest. 15 cents.

La Tosca. Bronze and "crushed strawberry," cord-like petals, flat or recurved, colored center. 15 cents.

Leda. Pale pink, recurved; petals twisted, with cut edges; silvery center. 10 cents.

Lord Mayor. Flowers very large; color, clear white, shaded rose and violet. Very free. 10 cents.

Leopard. (Spaulding.) The only spotted variety extant. Flowers of medium size. A rich, rosy mauve, distinctly spotted pure white. Creates the greatest interest wherever shown. 25 cents

Mrs. Frank Thompson. (Jap.) Large, incurved, broad petals, lined and mottled deep pink, with silvery back; very distinct. A grand exhibition variety. 20 cents.

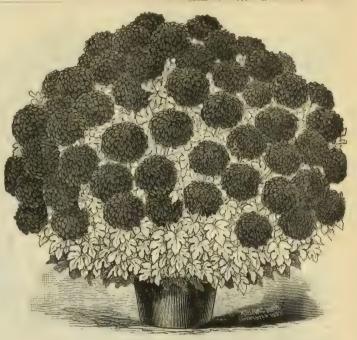
Moonlight. A grand flower of the purest white; one of the largest, and quite free in bloom; petals like pointed ribbons. Early. 10 cents.

Mrs. Langtry. (Jap.) A perfectly-formed flat flower, of unusual size and perfection. Snow white in color, with broad bands or ribbon petals. Altogether one of the very finest white varieties. Very valuable, being one of the latest to bloom. 15 cents.

Mrs. George Bullock. Broad petals, forming a large, pure, white flower; slightly incurved, and some petals quilled. 15 cts.

Mrs. C. H. Wheeler. (Jap.) Very large, perfectly-formed flowers. Should be in every collection. A perfect incurved; outside of petal bright orange, lined on concave side with brilliant red. One of the very largest. 15 cents.

M. Neville. Bright salmon color, passing to pale blush. Very



CULLINGFORDII.

distinct and pretty. Medium sized, but indispensable on account of its blooming early in October. 10 cents.

M. Norman Davis. Rosy carmine color, with bright lilac shadings. A variety essentially distinct and pretty, also blooming early in October. Of medium size. 10 cents.

M. Freeman. (Jap.) One of the very finest pink Chrysanthemums, and admired by all. Clear lavender pink, very soft; medium to large. 10 cents.

Mrs. Mary Morgan. Another grand pink; one of the most delicately beautiful, of regular soft outline. When fully expanded the petals recurve slightly; of medium size. 10 cents.

M. H. Morell. Medium-sized white flower, with erect petals rolled to form points, and touched with yellow; slightly recurving; very regular in form. 10 cents.

Moonflower. A little more than semi-double; pure white; broad, flat petals, with yellow daisy center. An immensely large flower. 25 cents.

Mrs. Cleveland. (We have a large stock.) Needle-shaped, slender petals rising at all angles; pure white, but on aging becomes faint pink. The only drawback to its beauty is the dark receptacle in which the petals are set. Perfectly unique 15 cents.

Modesty. Petals long, flat, and very slightly reflexed; color pure white; flat rosette shape. Very large. 15 cents.

Marien. Similar to Modesty in form and color, except that it is lightly tinged pink. 15 cents.

 $\begin{tabular}{ll} \textbf{Mary.} & Very beautiful pale lavender-pink, shading down to white; perfectly double; of good size. 15 cents. \end{tabular}$

Minnie Palmer. Very long outer petals, decreasing in length to the center, where they are short and upright; pure ivory white, with rich cream center. 15 cents.

Mrs. A. Waterer. Petals from 1 to 1½ inches wide; very late; color pure white, sometimes showing a blush shade. One of the very largest. 25 cents



BENOIT ROZAIN.

For description see page 23.

Mrs. Mill. (Waterer.) Exactly like Mrs. May in form and size, but a deep buff color; petals 34-inch broad, so closely incurved as to show no center, and of the heaviest texture. Very fine. 25 cents.

Marvel. (Waterer.) Mrs. Gen. Harrison's especial admiration at the Indianapolis show. Very large flat flower of regular rosette shape, the ground color is pure waxen white, and on this is a large irregular blotch of wine color; no two flowers similarly marked. The contrast in color is very beautiful. 35 cents.

Magnet. (Waterer.) An immense drooping flower of reddish heliotrope color. One of the most generally admired in the collection. Form, an irregular flat shape. 25 cents.

Montplaisant. (Jap.) Incurved petals; color cramoise red in the center of flower, shading to golden yellow at the extremity of petals. 10 cents.

M. Boyer. A rosy silvery lilac, turning as it opens to satiny pink, large and fine; positively unsurpassed. 10 cents.

Newport. Clear rose pink, with distinct satin sheen; forms a perfectly round, incurved pink ball. Fine for corsage bouquets. 10 cents.

Pwitan. (Jap.) This is undoubtedly one of the choicest as well as largest Chrysanthemums grown. As large as Mrs. F. Thompson; a beautiful silvery white, turning to pure white, with touches of pale lavender on the under side of outer row of petals. Informally incurved; as plumy as white ostrich tips. Very early. 15 cents.

W. M. Singerly. (Pyfer's.) A very large, flat, rosette flower, of rosy wine color, with darker shadings; soft velvety texture. An extremely beautiful and satisfying color. 10 cents, because we have an immense stock of it.

Osiris. Small. Bright violet, pointed with gold. A very peculiar shade. Carries immense quantities of bloom, as do all the Pompons. 10 cents.

Pietro Diaz. A perfect incurved variety, blooming middle of October. Fine mahogany red, with silvery sheen on outer petals. A grand dark red variety. 10 cents.

Robert Bottomly. (Jap.) Petals, long, and, when well grown, half an inch in breadth. Flowers often measure 6 to 7 inches in diameter. Color, pure white. An elegant Chrysanthemum in every particular. Price, 20 cents.

Syringa. (Jap.) A pure lilac-colored flower, of great size and substance. Petals long and beautifully quilled. Of exquisite form. 10 cents.

Source d'Or. (Jap.) Golden twisted florets, tipped yellow and shaded with brown. Needle-like quilled petals. One of the most attractive Chrysanthemums grown. 10 cents.

Silver Spray. A beautiful shade of pink, back of petals silvery. Quite early. A little over medium size, flat, and very double. A very pretty variety. 10 cents.

Snow Fairy. Very large flat flower, of pure white. Long outer petals, shortening towards the center, with very small whorl of petals fine as thread. A splendid variety. 20 cents.

Sam. Clear, golden yellow; petals incurved on opening, gradually recurving. A beautiful regular variety of more than medium size. 20 cents.

Tokio. (Jap.) Bright cinnamon red, shaded with brilliant yellow. A decidedly pretty combination of colors. An elegant plant, and very showy. 10 cents.

Timbal d'Argent. (Anemone.) An exquisite pure white anemone-flowered kind, the most admired of any of its class. It flowers in the greatest profusion. Flowers four inches across. One of the earliest, and a real gem. 10 cents.

Unique. Medium size, golden yellow, a perfect globe; petals finely fringed; looks like a zephyr ball. 10 cents.

Venus. A beautiful flat regular incurved, of soft peach pink. Greatly admired. 10 cents.

Whirlwind. An improved Timbal d'Argent, larger and more loosely built. Very soft beautiful white. (Anemone center.) 20 cents.

Willamette. Flower pure white, very large; petals tubular, slightly incurved or erect, sometimes tinted with pale pink, Half globe. 20 cents.

The besetting sin of the Florist is said to be exaggeration and over-coloring. Put him in a room full of the newer Chrysanthemums, and his wildest flights and most daring adjectives fall short. He has met his defeat in the field of de-

scription.

Our readers, who have visited any of the more recent shows, will testify to the truth of this. Three years ago, Lord Byron, Jessica, and Diana were considered exquisite. To-day, we think them pretty, but far in the background. We have discarded a great many fairly good varieties to make room for these finer exhibition kinds. The majority of those in our standard list offered at 15, 20, and 25 cents, were retailed last year for 40, 75 cents, and \$1.00 each.

Where the selection is left to us of 15 for \$1.00, we will put in as many of these higher priced varieties as our stock will

possibly allow.

N. B.—We take pride in noting that so many of these finest varieties are of American origin.

CROTONS.

The crotons are among the finest decorative foliage plants known. The leaves of all are more or less veined and margined, sometimes entirely variegated with shades of yellow, orange, and crimson. Some have long, narrow leaves, arching gracefully, fountain-fashion; others broad and short, oak-leaved. Some recurved very much; others twisted, cork-screw like. Crotons love heat, sunshine, and moisture. They make beautiful bedding plants in the heat of summer, and thrive much better in the house in winter for their outdoor growth. We have six very beautiful and distinct varieties. Price, 20 cents each.

CENTAUREA.

(DUSTY MILLER.)

10 cents each; 15 for \$1.00.

The well known white edging plant.

CUPHEA.

Platycentra. (Cigar Plant.) Always in bloom; grows finely in the flower border in summer, and is covered with a profusion of bright scarlet tubes, tipped black and white. Also, an excellent house plant in winter. Price, 10 cents.

Hyssopifolia. Admirably adapted for borders, flower beds, hanging baskets, etc.; flowers bright lilac, produced the entire year, and commencing upon very small plants. Price, 10 cts.

CALLA LILIES.

The Spotted Calla. (Richardia Alba Maculata.) The leaves of this beautiful Calla are deep green, with numerous white spots, which give the plant a fine appearance. The flowers are pure white, with a black center. It is one of the most attractive and handsome summer flowering plants, and always pleases. 15 cents each.

Calla Lily. (Richardia Ethiopica.) One of the best known plants, and of easy management, if the point is observed that the bulbs must be matured by being "rested" without water during the summer; when repotted, in fall, in good soil, they will make rapid growth and bloom finely. The faster they grow the more food they will need, but it is light and a temperate heat that are of the first importance. Plants in three-inch pots, 15 cents; 25 to 50 cents for large plants.

CHAEONOSTOMA HISPIDA.

A small shrubby plant, with distinct herb-like odor; very small bright green leaves; free flowering, the bloom being delicate white touched with lavender. A beautiful window plant, as well as a fine bedder. 10 cents.

COLEUS.

The Coleus are indispensable to the summer garden, where bright and telling effects with foliage plants are desired. They are fine for edging large beds, for massing, and other purposes.

to cents each, 16 for \$1; by express, \$4 per 100, purchaser's selection

Verschaffelti. The oldest and still the best of all the Coleus family for bedding, except Louisa Beck. Young plants are often a dingy shade for a short time after planting; but they soon assume the rich, velvety crimson so satisfying to the eye. Combines admirably with Golden Bedder.

Golden Bedder. Canary yellow foliage; deep gold in the sun, a short-jointed, nice-habited plant; a valuable acquisition; very fine for yellow lines in beds.

Louisa Beck. Raised by Mr. Beck, gardener at the National Soldiers' Home. This beautiful sort is a seedling of Verschaffelti, but dwarf and compact. Bright red in color, with black shadings on the leaf; quite as fine as Verschaffelti for bedding.

John Good. Light green, mottled with yellow, turning bright yellow in summer.

Sorts requiring partial shade to bring out their fine colors; or good window plants for winter, are:

Mrs. Hunt. Ground color and center of leaf a bright crimson, with a deep chocolate border to this, and this in turn completely edged with bright green and yellow. One of the prettiest Coleus ever offered.

Rag Carpet. A unique colored variety, of most beautiful form and coloring. The leaf is large, and the ground coloring is a carmine red, running lengthwise; this in turn is broadly edged with a chocolate red. Admired by all.

Her Majesty. Color of leaf dark red, edged with golden yellow; one of the best.

Taylor Herr. Serrated leaf; light maroon, mottled pea green.

Fireman. Color bright carmine crimson, with interlacing of dark brown.

Crystal. Chocolate crimson, mottled and spotted yellow.

Pluto. Very dark; blackish maroon.

Katatinka. Chrome yellow, darker lines.

Tesselata. Dark green; mottled and spotted light yellow.

COBŒA SCANDENS.

One of the most elegant of our garden climbers. Dark green leathery leaves, very large cup-shaped bells of purple, also of leathery texture. 15 cents.

CALYCANTHUS FLORIDUS

The old-fashioned sweet shrub. A very compact growing bush, producing its highly-scented flowers in spring time. A universal favorite; sometimes called "Strawberry Shrub," from its delicious odor; flowers dark chocolate brown. Two-year-old plants, 15 cents.

DRACENA TERMINALIS.

25 cents each.

A grand decorative plant, leaves upright and gracefully recurving; the older foliage of reddish plum color, bordered with rose; the new leaves bright rose color. A good summer bedder, and extra fine for house culture in winter. Give it the same soil described for Begonias, and plenty of water when in good growing condition.

DIELYTRA SPECTABILIS.

(BLEEDING HEART.)

The well known hardy plant, with graceful stems from which hang rows of pink and white "hearts." Perfectly Hardy all over the country, and one of the very earliest spring bloomers. 20 cents.

DEUTZIAS.

(HARDY.)

10 cents each.

Crenata Pl. Fl. A beautiful double variety, with clusters of snow-white drooping flowers.

Gracilis. A charming little shrub from Japan; flowers pure white; fine for forcing, as it flowers at a low temperature in winter.

ERYTHRINA CRISTI GALLI.

(CORAL PLANT.)

A greatly esteemed deciduous summer flowering plant, producing large spikes of crimson coral-like flowers during the greater part of the summer. It is not hardy, but is as easily kept in the cellar as the Dahlia. We know of few flowers carrying so beautiful a shade of red. 25 cents.

EUCHARIS AMAZONICA.

Two sizes, 15 and 25 cents.

A choice hot-house bulbous plant, requiring a warm, moist atmosphere. The flowers are produced on stems twelve to fifteen inches long, each stem bearing five to six pure white star-shaped flowers, four inches across; deliciously fragrant.

*FUCHSIAS.

Fuchsias require a light, rich soil, and quantities of water when in good growing condition. If allowed to become dry they will surely drop their leaves. They do not like heavy currents of air, and should never be exposed to the full blaze of the sun. Light soil, moisture, and partial shade are what they like.

Mrs. E. G. Hill. This magnificent variety was raised and introduced by Mon. Victor Lemoine, of France, and is undeniably the most perfect and beautiful double white Fuchsia ever raised. The short tube and sepals are a bright, rich reddish crimson color; Corolla, extra large, full and double; flower of the largest size. In all, save color, it is like Phenomenal, and it would not surprise us if some enterprising Yankee should name it White Phenomenal. It is of the most robust, upright growth, not coarse, but compact and very symmetrical. It has every qualification to recommend it, both size, freedom of bloom, and good constitution. Must and will win its way into favor everywhere. 25 cts.

Aurora Superba. Tube and sepals rich salmon, latter broad and well reflexed, corolla large, spreading, and very even, of distinct orangescarlet, highly suffused with yellow, fine habit, free bloomer; distinct. Single. 10 cents.

Black Prince. Single; tubes and large sepals waxy carmine; corolla pale pink, large, and wide open. A fine single variety. 10 cents.



MRS. E. G. HILL.

Gen. Roberts. (New IN THIS COUNTRY, introduced from England.) A remarkably beautiful variety, of drooping habit; the blooms are from 4 to 5 inches in length, borne in large clusters; single Corolla, of a rich plum color, tube and sepals crimson. 25 cents.

Colonel Dominie. A very large double white English variety, of different shape to Frau Emma Topfer. It is a desirable sort in every way. Very fine. 10 cts.

Carl Halt. White and red striped variety. A very striking and beautiful sort. 10 cents.

Elm City. Extra double; buds quite round and beautiful deep red color. Open flower, dark purple, and very beautiful. One of the very finest. 10 cents.

Flocon de Neige. Tube and sepals soft coral scarlet; the corolla is single, large, open, and bell-shaped, of the purest white. 10 cents.

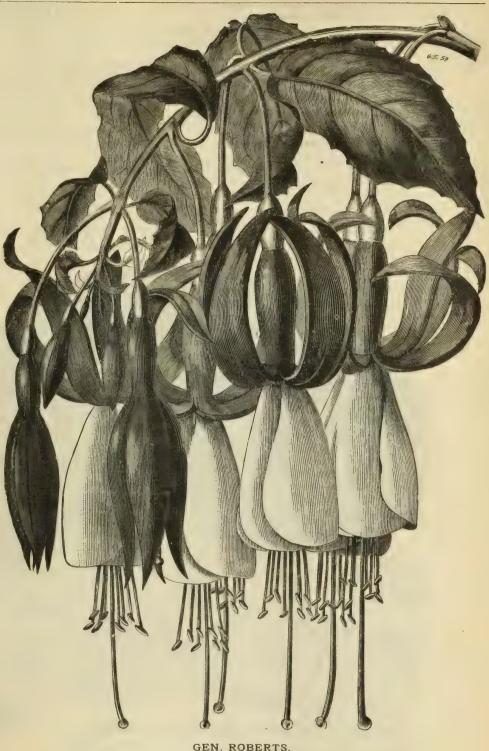
Lustre. Tube and sepals pure white, bright crimson corolla. 10 cents.

Mme. Van der Strasse. An old variety, but still unsurpassed. One of the very freest bloomingof the double whites, beside being of fine form and good size. 10 cts.

M. Thibaut. Plant vigorous and of remarkably free blooming habit, tube stout, sepals dark red, corolla rosy vermilion tinted violet. A grand variety. 10 cents.

Paris Murcie. A grand double variety; nearly perfection as to free growth and habit. The tube and sepals are brilliant deep scarlet; the corolla is large and double, and nearly pure white. 10 cents.

Phenomenal. One of the largest Fuchsias that has come to our notice; short tube and sepals of a bright, rich, reddish crimson color; corolla very full and double, of a beautiful azure violet flaked with red. 10 cents.



FARFUGIUM GRANDE.

A first-class ornamental plant for pots, well adapted for house culture. The leaves are thick and leathery, dark green, with yellow spots; an excellent plant for center of hanging basket. 20 cents.

FEVERFEW.

Little Gem. A new dwarf variety, growing only from 8 to 12 inches high; flowers large, and pure white. Splendid for cutting. 10 cents each.

FUNKIA. (Day Lily.)

F. Japonica. This makes a handsome plant, with broad, ovate leaves, and produces pure white, fragrant flowers in great profusion. Perfectly hardy, and increases in size from year to year. 15 cents.

FERNS.

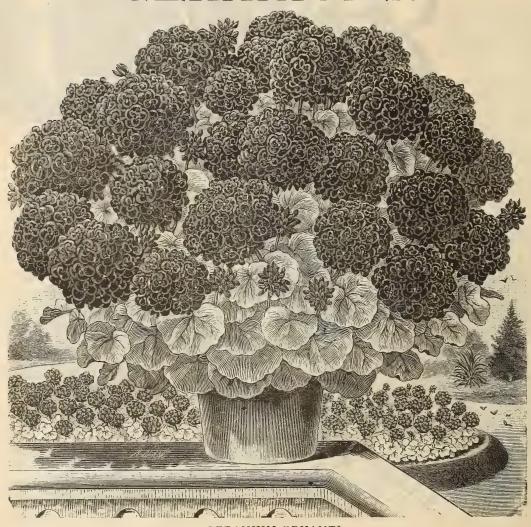
Adiantums. We have three varieties of the Adiantums, all very graceful, and much used in cut-flower work. 15 cts. each.

Nephrodium Exaltatum. (Sword Fern.) A really graceful Fern, multiplying very fast in throwing out vines, on which grow separate plants again, as the Saxifrage multiplies itself. 20 cents.

Pteris Argyrea. A very showy, strong grower, with variegated foliage; fronds large, light green, with a broad band of silvery white down the center of each; very distinct. 20 cts.

Pteris Tremula. One of the finest Ferns for house decoration, growing very rapidly, and throwing up large, handsome fronds; makes magnificent specimens; easily grown and very popular. 10 cents.

GERANIUMS.



GERANIUM BRUANTI.

DOUBLE VARIETIES.

10 cents each, except where noted; 15 for \$1.00, all different, our

Aimee Goubin. Violet crimson, scarlet shadings; very large individual florets, of superb form; carries immense trusses. Good and distinct in habit. Stands our hot sun well.

Abricote. A fine, semi-double, apricot-colored flower. Very circular, and of good outline. Medium-sized trusses. A good Geranium.

Adrienne Corret. Immense spherical trusses of a bright reddish orange color. A continuous free-blooming variety of great merit.

Baron Duranteau. Magnificent flower, of a deep crimson color, with purplish shade; upper petals marked with scarlet. A showy variety, producing immense trusses.

Bruanti. (Semi-double.) This magnificent Geranium is the product of Mon. Bruant, of Poitiers, and is the beginning of a new and distinct habited section in the Zonal Geraniums. It is very difficult to describe the difference between this type and the ordinary Zonal Geranium, but the characteristics of this variety are observed at a glance, when placed beside older varieties of same family. The leafage is round and nicely zoned, having greater texture and substance than even the most vigorous of the old type. Color of the flower, a light vermilion red, of a most pleasing shade. The flowers are absolutely perfect in shape, contour, and make-up; trusses exceptionally large, and borne in immense spherical balls, often measuring eight inches in diameter. It does finely in the open ground, and is perfectly reliable as a bedding Geranium of the highest merit. It makes a compact, dense growth, and has all the qualities that go to make the perfect bedder that it is. Fine also in pots. The very finest scarlet bedder extant. 15 cents; \$1.50 per dozen.

Cleopatre. Florets tinted and shaded with salmon, center salmon-orange. Very dwarf, and exceedingly free flowering. A decidedly pretty Geranium.

C. A. Knorr. Brilliant lilac-red, shaded lilac, with maculated red spots on upper petals. A very effective and novel colored variety.

Gentaure. Carries the largest and most perfect truss of any of the pink doubles. A most glorious bedding variety, of good, compact growth.

Commandant Ott. Enormous truss; scarlet orange, shading to vermilion; habit fine, carrying its trusses well above the foliage; a grand color.

Esperance. Compact and dwarf in growth, with beautiful foliage; color an exquisite shade, resembling that of rose Malmaison; center salmon, with light salmon shadings.

Flocon de Neige. A perpetual and free bloomer; excellent for winter cut flowers; trusses very large; single florets quite perfect and of heavy texture; pure waxy white, but delicately touched with pink in hot weather. The most useful double white Geranium.

Fratelli Ferrario. Bright orange apricot, with clear, light borders. A very free flowering variety, of good habit.

Grand Chancelier Faidherbe. The flowers are very thick and double, of a dark, soft red, tinted with scarlet, and heavily shaded with maroon; dark and rich, and at the same time bright.

Gen. de Courey. Large round trusses of great size; color a peculiar shade of red, touched with salmon and flaked with white. A very thrifty out-door grower; stands the sun well, and has a fine habit.

Golden Dawn. Those knowing Gilded Gold and Progression will admit they are the most marked varieties leading to the much coveted yellow. The variety offered is far in advance of those excellent kinds.

Gloire de France. Large, round florets, of waxy appearance; colors carmine and white, with carmine center; each petal delicately edged with carmine. An excellent pot variety, to which its habit is finely suited. 15 cents.

Gertrude. A well-defined zonal, with fine foliage and of good growth. Color of the flower a clear, bright salmon, with center and outer edges touched with white, and with soft shadings of carmine; velvety in texture, and of the most beautiful semi-double form; a fine bedder.

Jules Lartigue. Flowers semi-double; upper petals shaded carmine, base of petals violet-lilac. Moderate in growth, with a free-blooming habit.

Le Prophete. One of the most magnificent double scarlet Geraniums ever grown. Perfection in size, shape, habit, and color. Not equaled in its line of color. 15 cents.

Le Cid. Very compact, but vigorous in growth, and of a perfect habit. Color, brilliant crimson-red. Size and truss all that could be desired. Admired by all who have seen it. Fully as dark as S. A. Nutt. 20 cents.

Le 14th Juillet. Plant dwarf and bushy, but a vigorous grower; immense trusses on strong footstalks; color a soft salmon, intermingled with white; colors very delicate and beautiful.

Louis Figuier. Large umbels, flowers compact, and borne in great numbers. Individual flowers finely formed and of good size. Color peach-red, bordered with rose.

M. David. Bright rosy-carmine, marked white on the upper petals. A very pretty and unique semi-double Geranium.

Marie de Bisnary. Beautiful rose, chamois color; center of petals shaded rosy-lilac. Quite distinct and pretty.

Mme. G. Pradins. Florets large and flat in surface, semi-double, and of extra fine form. Color reddish violet, with shadings. Dwarf neat habit.

Mme. Guilbert. Trusses immense in size; the plant grows in excellent form with but little attention; florets very large; beautiful pure rose color.

Mary Hill. Of the richest deep pink, of the purest shade; the flowers are of the largest size and of excellent form; trusses very large and spreading; flowering at all seasons most profusely; the growth is excellent; in fact, it is a great improvement on the grand variety, Emile Girardin. 15 cents.

Mme. Menoreau. Ground color of the flower pure white, with a bright rose center. The plant is very bushy, and of dwarf branching habit. A miniature growing Geranium, with very distinct coloring.

M. Fabre. An extremely pretty Geranium, of dwarf branching habit. Color cerise-orange, shaded with bright crimson, center of the flower pure orange.

Mrs. E. G. Hill. Umbels large, and borne well above the foliage; flowers of enormous size; color flesh, lined and shaded with bright salmon. One of the very finest in the entire collection; shading simply exquisite.

Mme. Hoste. Ground color of the flower pure white, with a bright rose center. The plant is of a very bushy and of dwarf branching habit. A miniature growing Geranium, with very distinct coloring. Very fine for bedding where tall-growing varieties could not be used.

Pauline Roussel. A compact, bushy growing variety, which produces quantities of beautifully formed flowers, borne in large trusses. Color a lively rose, shaded and lined with silvery pink

Re Umberto. A strong growing variety, producing large, semi-double flowers, on long stems. Color brilliant orange red, with bright yellow shadings. Another entry in the race for a yellow Geranium, and a winning color; admired by all who see it.

S. A. Nutt. One of the best of the dark crimson varieties; flowers are of perfect shape and large size; the trusses massive and produced in great number; the habit is close, compact, and branching. A thorough trial of this variety leads us to recommend it as unequaled in its class; an excellent bedder and a perfect pot plant, one that must find its way into every collection.

Sergeant Blandon. Another grand bedding variety, giving a mass of solid color of an orange-scarlet shade; the florets are very large and distinct in form, and are carried in immense trusses on long footstalks. Very brilliant.

Sergeant Bobillot. A very fine bedder, of a new and distinct shade of beautiful vinous-rose; extra fine individual florets; good-sized trusses, carried well above the foliage. Extra free in bloom.

Walter Scott. Large, spherical trusses of uniform flowers. Color a dark, rich red. A strong, bushy growing variety, of great merit. An almost perfect Geranium, very beautiful shade of red, and a grand bedder for massing.

SINGLE GERANIUMS.

Price, 10 cents each, except where noted; 15 for \$1, our selection.

Alphonse Daudet. Florets of excellent shape and size, with large trusses. Stands sun well. Color a reddish salmon, with much darker center. A very superior variety. 15 cents.

Are en Ciel. The trusses of this variety are extra large. The style of growth, large florets, and a perfect habit, make this a first-class market variety. The shades are beautifully blended. The three upper petals have soft rose centers, shading into scarlet edges; two petals are scarlet, then rose, then orange near the center. Texture velvety.

Blanche Moulas. Very light salmon, edged and bordered white. This will prove a grand bedding variety, of wonderful merit

Baron du Paynode. Extra large florets borne on strong footstalks in immense trusses. Color orange-vermilion, white center or eye. Stands the heat and sun well.

Christophe Colombe. Very large trusses, freely produced; bright cinnabar orange color, bushy and compact in growth. Very distinct and fine.

Cosmos. Immense, perfectly formed trusses; florets large and finely formed; color salmon with orange. Very fine.

Concour's Regional. Pure rose, marked white; petals well formed. A perfect mass of bloom throughout the season. Extra fine for a vase.

Challemel La Cour. Rich vivid crimson, immense trusses; very fine; one of the best older varieties.

Ed. Pynaert. Solfering red, marked with capucine red on the upper petals. A free flowering, strong, vigorous variety. 20 cents.

Francois Arago. Flowers finely formed, a free bloomer, on strong footstalks; color, silvery salmon, shaded peach. Belongs to the *Bruanti* section, as shown distinctly by its foliage.

Gaerdner Gaerdt. A grand pink variety; florets and trusses unusually fine. Stands the sun well, and flowers continually. A splendid bedder. 15 cents.

Georges Pascaud. Another most beautiful light salmon, with shadings of white. Stands sun well, and a Geranium of rare merit. 20 cents.

Golconde. Bright yellowish orange; a fine round floret of good texture. A very free flowering variety. Owing to its high coloring in must be grown in a shady nook in Summer.

Ingenieur Forey. Florets light salmon; borders of the petals, pure salmon. Immense trusses, presenting a perfect ball of flowers of great size. An extra fine variety; grand bedder.

Jules Ferry. Splendid trusses, on long, rigid footstalks, which are held above the foliage; not a coarse grower, but the ideal of a bedder for massing; color, soft scarlet red; stands the sun finely, and presents a mass of brilliant and effective color.

Katie Schulz. A grand single bedder, of dwarf, compact habit. Peach-salmon in color; a very free bloomer. Of extra value.

Louis Ulbach. Color, intense dazzling scarlet; trusses extralarge; florets round and large. An excellent bedder,

Palais de l'Industrie. Enormous trusses, in finest form; each floret a gem of itself. Color of florets mahogany red, with shadings and stripings of lilac and white. A decided novelty. Good grower and free bloomer.

Pauline Bossert. A fine growing, free flowering, pure white variety. Flowers produced in great profusion. A charming variety.

Protee. Flowers very large, and freely produced in immense trusses. Color silvery lilac, white shadings, changing to silvery pink. A splendid new sort. Also a member of the Bruanti section, which assures strong growth and abundant bloom.

Poete Nationale. Florets quite round, not crowded on the footstalk; an extra fine fancy pot variety; color as delicate pink as rose Baroness Rothschild, deepening into a soft peach bloom, a mingling of shades heretofore found only in the "Lady Washington" class. A perfect single Geranium of entirely new shade. 20 cents each.

Queen of the West. Still the standard bedding variety; grows freely, and carries its bloom in masses; light orange scarlet, in fine trusses. There can be no question as to its bedding qualities. We grow this by thousands.

Queen of Belgians. A very beautiful pure white single Geranium; florets large and untinted; very free in bloom, and an excellent bedder, standing the sun well. The largest truss among the single whites, and the very finest single white Geranium.

Sam Sloan. An extra fine velvety crimson, carrying immense trusses in great quantities. An excellent bedder, unrivaled for producing masses of deep, bright red bloom. A grand variety.

Sceptre Rose. A light rose-colored variety, with a distinct white spot on upper petals. Large compact trusses.

Viscountess d'Etchingen. Enormous trusses of fine form. Color a pleasing dark pink. An exceptional Geranium of decided merit. 15 cents.

FRENCH NOVELTIES IN GERANIUMS FOR 1889.

(Double.)

25 cents each; \$2.40 per dozen, purchaser's selection.

M. Press. Very large trusses of well-formed flowers. Rosy salmon color, shaded with carmine and white. Will make a good bedding variety.

Mathias Sandorf. Flowers large and nicely shaped, borne in large trusses. Color, orange-salmon, shaded with silver and capucine.

M. Jovis. Trusses of immense size, borne on long, stout footstalks. Large, semi-double. Color, a very pleasing shade of salmon, bordered with white and shaded cream. Very free flowering.

Tunisie. Long, stiff flower stems; a beautiful white, veined salmon.

La Favorite. A grand white variety, of perfect purity; flowers of good form, umbels very large. A fine summer bedder.

Prince Henri. Perfectly round truss, flower double, of silvery rose color; very clear center.

A. Dupre. Very large flower, of even cramoise red. Fine for pots.

Frascati. Clear cerise, with touches of brilliant violet.

Deruchette. Dwarf plant, flower very beautiful, clear rose color; one of the loveliest double varieties.

Elysee. Immense trusses of double flowers, very dwarf; beautiful cramoise red.

(SINGLE.)

Balmont Freres. Very large trusses of the most perfectly formed florets; salmon flesh color, with large white center, upper petals marked with brilliant carmine, plant dwarf and very free.

Fulminant. Large finely-formed trusses of the most brilliant crimson, with a very distinct white eye. Raised by Hoste, and one of the best Geraniums of its class ever sent out.

M. Alfred Mame. Another fine bedding variety. Florets very large and of a very bright red color; the trusses are of good size and freely produced; the habit of the plant is strong like the double variety, "Bruant."

Lumiere Electrique. One of the freest blooming Geraniums known; trusses of very large size and most perfect in form; color, very rich crimson, surrounded with orange, upper petals shaded with flaming orange.

Missolonghi. Large round flower; salmon apricot color, surrounded with beautiful rose.

Victorien Sardou. Violet currant color, upper trusses marked very distinctly with capucine; trusses very large, florets large and of fine form. The best we have ever seen in the style of "Dr. Denny," being a good grower and free bloomer.

Avenir. Enormous sized trusses, dark violet, tinted with clear rose on the upper petals.

Paul Dupuis. Rosy white, with a very large and distinct carmine eye. Extra fine.

Perle. Trusses large and of very perfect form; pure snowy white, purer in color than the variety, "Queen of the Belgians," and of still freer blooming habit.

Renaissance. Grayish rose, with white center, upper petals flamed with orange; plant of splendid habit, freely bearing trusses of perfect form and large size. Distinct and fine.

Trophee. Trusses of the largest size; very pretty rosy flesh, tinted at the center with lilac, changing to dark lilac of a very novel color. A fine variety, and all should have it.

SCENTED GERANIUMS.

Price, to cents each.

Rose. Two varieties, large and small leaved. Too well known to need description.

Nutmeg Scented. Free flowering; small leaves, resembling those of apple scented.

Balm Scented. Large foliage, deliciously fragrant; fine for cutting.

Mrs. Taylor. Foliage scented, fine crimson flowers, resembling miniature pelargonium blooms. Exceedingly fine.

Shrubland Pet. Bushy grower, makes a very fine plant; foliage beautiful and fragrant. Flowers rose-colored.

Oak-Leaf. Stiff dark green, with black shadings; aromatic fragrance.

Miniature. Similar to the Oak-Leaf, but smaller and more deeply cut.

VARIEGATED-LEAVED GERANIUMS.

Price, to cents each, except where noted.

Happy Thought. A perfectly distinct variety; center of leaf bright golden yellow, with broad margin of deep green; flowers of a magenta shade. A bushy grower, making a fine pot plant. Also an excellent bedder.

Flora Hill. A very striking new bronze Geranium; strong contrast between the distinct dark zone and the bright golden ground of the leaf. A very satisfactory bedder. 15 cents.

Mountain of Snow. Foliage green, handsomely bordered with white; very ornamental; too well known to need further description.

Mme. Salleroi. The best edging plant known, only 6 inches high. A thrifty, compact, spreading variety, not resembling in any particular any other Geranium. The leaves are light silvery-green, edged white, on long, thread-like stems. 16 for \$1.00.

Corinne. Double, clear scarlet flower; leaf yellowish green, with light chocolate zone.

M. McMahon. A grand bronze variety; golden yellow, deep chocolate zone, flowers scarlet.

Prince Henri. Salmon flower, and medium light leaf, distinctly zoned.

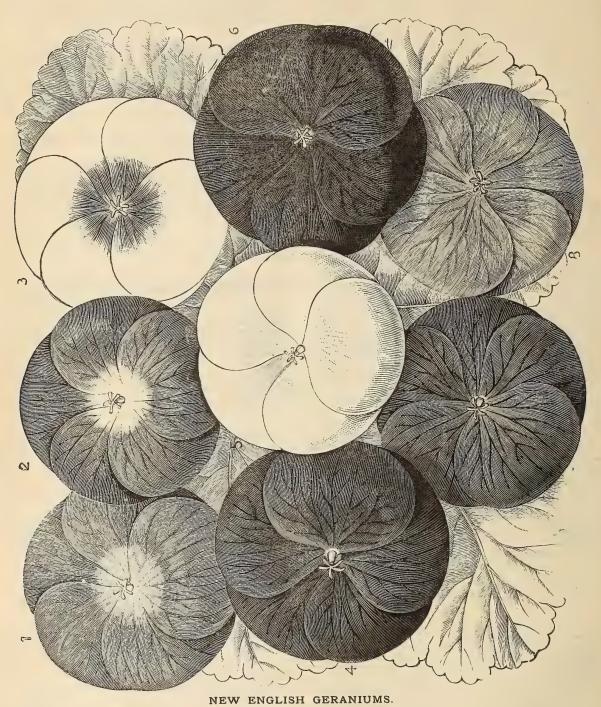
ENGLISH PRIZE GERANIUMS, 1889.

(For Cut See Next Page.)

These are said to be the very cream of English Geraniums, and were imported by us the past June, so that our customers might add them to their lists the coming year. We have placed the price so low for these novelties that they are within the reach of all. 30 cents each, the set for \$2.00.

- 1. Lady Frances Russell. A most marked improvement in this class; color a soft rose shade, with large white blotch.
- 2. Lady Roseberry. Flowers of the finest form, large white eye; color rich salmon, approaching a deep red at the center. Quite distinct.
- 3. Countess of Derby. Mottled salmon, fiery center, shading off to a white margin. A great favorite.

- 4. Brilliant. A grand scarlet variety, with large pips and trusses of the finest shape; the finest single scarlet.
- Lily. White, very slightly tinted at times; the largest of its color, being nearly equal to the largest scarlet.
- 6. Scarlet Cloth. Splendid rich shade of scarlet. Extra large floret and truss.
- 7. Rev. H. Harries. Soft rosy red, producing florets and pips of gigantic size, freely produced. One of the finest.
- 8. Mrs. David Saunders. A fine specimen of the new combination, and white marblings, of colors, heliotrope pink, with touches of purple. Flowers of immense size; habit dwarf, and very free. Fine trusses on long stems.



(For Description See Page 36.)

- 1. LADY F. RUSSELL.
- 2. LADY ROSEBERRY.
- 3. COUNTESS OF DERBY.
- 4. BRILLIANT.
- 5. LILY.
- 6. SCARLET CLOTH.
- 7. REV. HARRIES.
- 8. MRS. D. SAUNDERS.

IVY + GERANIUMS.

NEW IVY GERANIUMS OF 1889.

Veteran. Large trusses of large flowers, semi-double, very bright orange carmine; plant free flowering. A most magnificent color. 25 cents.

Andre Thuriet. Plant free flowering and of short jointed habit, large double cup-shaped flowers, petals round, color reddish violet. 25 cents.

Bastien-Lepage. Very large flowers, semi-double, rosy mauve, upper petals lightly veined with purple. A grand variety. 25 cents.

Gloire de Lorraine. Very large and very double rosette-shaped flowers; bright cherry, with brighter marks. Plant of the finest habit for greenhouse culture. 25 cents.

OLDER VARIETIES.

to cents each, except where noted.

Berthelot. Plant vigorous and very free flowering. Trusses large; large double flowers of perfect form; violet or reddish heliotrope in color.

Congo. Large, compact truss; flowers round and very double; rose color, deeper shade in the center. Extra

Count Horace du Choiseul. Flowers of grand size, 2 inches across, petals imbricated; pale blush, bordered with salmon. Very free flowering. First-class.

Col. Roudaire. Single, soft scarlet; large, fine truss; beautiful foliage.

Eden Marchi. A beautiful salmon rose, of exquisite color; flowers very large and of good form, in large trusses. 20 cts.

Galilee. Large trusses; flowers very large and double; lovely rosy pink, veined lilac. A magnificent variety. 20 cents.

Gen. Negrier. Magenta pink, distinctly feathered on upper petals, semi-double, short jointed; very free flowering.

Henri Martin. Flowers double, imbricated, of bright satin rose color; a grand variety introduced last year.

Jeanne d'Arc. Flowers very large and double, and of the purest white; fine spreading habit and free flowering; distinct and fine. Price, 15 cents.

Lavoisier. Very large, double, and perfect formed flowers; salmon rose, trusses large.

La Rosiere. Flowers of perfect shape, double, and of good size; rich, glistening rose color, of a lovely shade.

 $\begin{array}{cccc} \textbf{Le Printemps.} & Rosy & pink, & semi-double; & a & beautiful & and \\ effective variety. & 20 & cents. \end{array}$

Massenet. Bright magenta, bold truss, semi-double. A very showy variety.

Newton. Very large, semi-double flowers, of a beautiful vermilion color. A vigorous grower.

Spaulding's Pet. An excellent variety, of semi-drooping habit and compact form, profuse in bloom; color soft cerise red. Stands sun perfectly, and one of the very finest Geraniums in its class.



GROUP OF IVY GERANIUMS.

PHILADELPHUS.

(Mock Orange.)

Coronarius. A rapid growing, medium sized shrub, with very fragrant white flowers. 15 cents.

ORANGE, OTAHEITE.

A beautiful dwarf growing orange of bushy form, ripening fruit under very ordinary culture; the fruit is about half the size of the ordinary orange. The blossoms are pure white and very fragrant, and are borne on even small sized plants. Smaller plants, 25 cents. From 5-inch pots, 50 cents.

SMILAX.

Perhaps no climbing plant in cultivation equals this in the graceful beauty of its foliage. Its peculiar wavy formation renders it desirable for vases and hanging baskets, as it can be used either to climb or to droop, as is desired. Unsurpassed for cut-flowers or wreaths. 10 cents each.



Large bulbs, which bloom during the summer or fall. The flowers are arranged on long spikes, and are very richly colored, and often gorgeously marked and blotched. By planting Gladiolus at intervals of a couple of weeks from early in April until July, flowers can be had constantly from June until frost. Set the bulbs so that the top is about two inches below the soil. They should be taken up in the fall and kept in a dry cellar or cool closet until spring.

It is an indisputable fact that the finer varieties of Gladioli are the handsomest and most showy summer-flowering plants in existence. By cutting the spikes when a few lower flowers are open and placing them in water, the entire spike will open in the most beautiful manner; in fact, better than out-doors, as they are not affected by the scalding sun or dashing rain. The following collection comprises the cream of over 300 sorts, and we think it the best and cheapest offer of the year:

COLLECTION No. 1.

Ten Varieties for Seventy-five Cents. Every Variety is Perfectly Distinct.

Angele. Pearly white; showy and effective.

Brenchleyensis. Bright vermilion scarlet.

Ceres. Pure white, spotted with purplish rose.

Conde. Light orange red; white blotch, feathered carmine.

Eugene Scribe. Flowers very large and wide; perfect, tender rose, blazed with carminate red.

Isaac Buchanan. Golden yellow.

John Bull. White, slightly tinged with sulphur.

Madame Monneret. Soft, lovely pink; late variety.

Napoleon III. Bright scarlet; white stripes in the petals.

Ida. White, flamed with carmine rose and yellow.

Singly, 10 cents each — except Brenchleyensis, 5 cents.

COLLECTION No. 2.

Ten Varieties for One Dollar.

Any one at all conversant with the merits or prices of Gladioli will at once appreciate this collection.

Addison. Dark amaranth, with white stripes.

Agatha. Rose, suffused with lake, flamed with carmine amaranth; clear yellow spots.

La Candeur. White, lightly striped with carmine violet.

Le Poussin. Light red, white blotch.

Meyerbeer. Scarlet, flamed vermilion; amaranth red blotch.

Laura. Light orange red, tinged and flamed carmine; pure white blotch.

Jeanne d'Arc. Pure white; carmine violet blotch.

Roi Leopold. Blush rose, slightly suffused with orange, and shaded deep currant red; white blotch.

Romulus. Very brilliant dark red; large pure white blotch, like an Amaryllis.

Zenobia. Bright rosy violet, flamed with carmine; large white blotch.

COLLECTION No. 3.

Ten Varieties for One Dollar and Fifty Cents.

This will positively suit you in quality and price, we are sure. A grand set.

Achille. Beautiful currant red, with white stripe in each petal.

Eugene Scribe. Flowers large and wide; tender rose, blazed with carmine.

Bernard Palissy. Light cherry red, flamed and striped carmine rose, with white blotch.

Bijou. Bright orange cherry, flamed scarlet.

Calypso. Rosy flesh color, streaked rose, blotched carmine.

Canari. Light yellow, streaked with rose on lower petals.

Charles Dickens. Delicate rose, tinted buff, flamed carmine.

Cleopatre. Soft lilac, lower petals darker, suffused with violet, purple feathered blotch.

Marie Dumortier. White, slightly streaked rose, violet purple blotch.

Robert Fortune Orange lake, shading off to purple crimson; veined with white.

MIXED GLADIOLI.

Extra superfine quality, all colors mixed; 30 cents per dozen, 50 for \$1.50, 100 for \$3.00.

SEEDLING GLADIOLI.

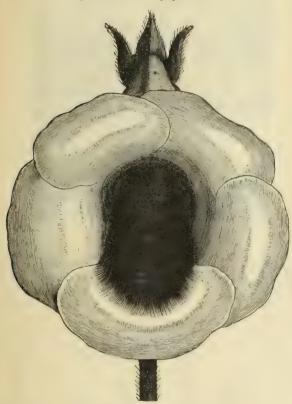
We raise annually many thousands of seedling Gladioli, from seed selected from the finest varieties in existence. The percentage of poor ones is extremely small, while that of flowers of striking beauty is very large. Many of our seedlings are equal to the very finest named varieties. They give the greatest satisfaction to all who have ever planted them.

Retail price; 75 cents per dozen, 50 for \$2.50, 100 for \$5, by mail or express. Smaller (but blooming) bulbs can be sent

by mail.

GLOXINIAS.

25 cents each. \$2.50 per dozen.



These are among the most beautiful of all our summerblooming plants. The rosette of velvety green leaves is surmounted with a cluster of lovely trumpet shaped flowers, as large as Gladioli blooms. The coloring is exquisite; the groundwork of many is pure white, with throats of blue, scarlet, rose, crimson, or velvety purple; or the tubes are of bright color, with white throat. The bulbs should be started in a warm place—greenhouse, hot-bed, or sunny window. They will bloom until late in summer, when they should be dried off, letting the leaves die; the pots can be kept over winter in a cellar free from frost, or under the stage of a greenhouse. Splendid seedlings, mixed, strong bulbs. Not widely known, and creating a decided sensation wherever shown.

HELIOTROPES.

Price, 10 cents each.

These plants are universal favorites on account of their delightful fragrance, flowering equally well as bedding plants in summer, or as pot plants in the house during winter. They delight in abundance of water.

White Lady. A strong-growing, free-branching plant, very profuse in bloom. The flower is extra large, composed of racemes, which will average four or five inches in length, and of the purest white.

Albert Delaux. A French variety of great beauty. Foliage is a bright golden yellow, very pronounced, and marked slightly with a delicate green. In bloom it is exquisitely beautiful, the deep lavender color of the flower contrasting admirably with the ever varying foliage; very free flowering; trusses large.

La Renommee. Large compact trusses of fine form; individual florets very large, of rich purple, with white eye. Of very pretty compact form.

Chameleon. Bright blue, passing to very pale lavender. Large, finely-formed trusses of large florets. A grand variety.

HIBISCUS.

Price, 10 cents each, except where noted.



A beautiful class of green-house shrubs, with handsome glossy foliage, and large showy flowers, often measuring four inches in diameter. They succeed admirably bedded out during the summer.

Lambertii. Single flowers, of the richest crimson scarlet; dark crimson at the base of the petals. Very large and showy.

Denisonii. Nearly a pure white, slightly tinged with rose. A large single flower, and very beautiful.

Sub-Violaceous. Flowers enormous, semi-double; clear carmine, tinted with violet. Probably the largest flower in the Hibiscus (Chiensis) family, and an unusually free bloomer. We take pleasure in recommending this fine plant.

Schizopetalus. A curiously-formed flower—pendant—the petals in a whorl; orange-red; totally unlike any other Hibiscus, or indeed any other flower. The petals are open, like lace work. 25 cents.

Decorus. Foliage very large and lobed; flowers enormous, on long stems, of a beautiful rosy-carmine color; stamens and pistils very showy; the stigma is large, circular, and golden yellow.

Miniatus Semi-Plenus. Semi-double flowers, of a brilliant vermilion-scarlet; petals waved and recurved; the flowers noticeable for the absence of formality, but are very handsome.

Fulgidus. Flowers single, very large, of an intense carminescarlet color, paler toward the base, where, on each petal, is an oblong blotch of deep crimson.

Gen. de Courtigis. A very grand sized flower; light single scarlet; very showy.

HELIANTHUS MULTIFLORUS PLENUS.

(THE GOLDEN SUNFLOWER.)

The plant grows about four feet high, bearing numerous large golden heads of flowers, as large as Dahlias, and continuing in bloom until frost. It is much prized as a loose bouquet flower. Quite hardy with a little winter protection. One of the finest yellow flowers in cultivation. 15 cents.

HONEYSUCKLE.

Halliana. A vigorous evergreen sort, with pure white flowers, changing to yellow; very fragrant; blooming from June to November. One of the best. 10 cents.

Japan Golden-Leaved. A handsome and very desirable variety, with the foliage beautifully netted or variegated with yellow; quite hardy. Distinct. 10 cents each.

Japonica Hallii. One of the best Honeysuckles for adorning arbors, walls, porticos, etc.; it grows very rapidly, and is a remarkably free bloomer. 10 cents each.

HOYA.

(WAX PLANT.)

Carnosa. Star-shaped, waxy flowers, in clusters. Beautiful thick glossy evergreen leaves. Excellent for house decoration, standing the dry heat of a sitting-room with impunity. Price, 15 cents.

Carnosa Variegata. Similar to the above, but the foliage is a bright golden yellow, sometimes cream. Price, 25 cents.

HYDRANGEAS.

Paniculata Grandiflora. This Hydrangea is probably the finest hardy flowering shrub in cultivation, with very large, dense flower-heads (6 to 12 inches in length) opening full white, and changing to deep rose color as they attain age. These panicles of bloom remain from August to October. Good plants. Price, 15 cents each.

Otaksa. Heads large; flowers bright rosy pink, contrasting beautifully with other sorts. Of low, bushy growth. Price, 15 cents.

Thos. Hogg. Immense trusses of flowers, at first tinged with green, then turning pure white and remaining so a long time. Price, 15 cents each.

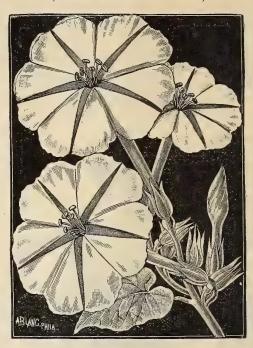
IVY.

(ENGLISH.)

Helix. Too well known to need description. 10 cents.

IPOMŒA NOCTIPHYTON.

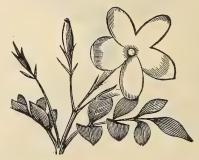
(TRUE MOON-FLOWER.)



Ipomœa Noctiphyton.

A handsome and useful vine, of very rapid growth; the leaves large, smooth, rather dark green, heart-shaped and pointed; flowers large (three inches in diameter); white, with a five-pointed star extending through the center of the petals; the strongest growing vine known to us. Price, 15 cents each.

JASMINUM.



Grandiflorum (Catalonian Jasmine). From Italy; flowers pure white, star-shaped, of exquisite fragrance; blooms from October till May without intermission. 10 cents.

LANTANAS.

Price, 10 cents each, except where noted.

One of the best summer-flowering tribe of plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants that bloom more continuously or afford a greater variety of color than the Lantana. When



grown with a single stem and trained as standards, with fine bushy tops and straight stem, besides being in bloom all summer, they present on the lawn or piazza an effect that is not surpassed by any other plant.

Ignis. Very bright fiery red, free flowering, and of compact growth. Very brilliant.

Javoii. The finest pure white yet introduced; florets large, forming large spikes of bloom.

Rigoletto. Very large flowers, passing from pale pink to soft rose. An exquisite new variety from France. 15 cents.

Harkett's Perfection. Foliage variegated yellow; flower intermingling shades of lemon and pale pink.

Francine. Dwarf growing; flowers rosy lilac; very pretty.

Le Titien. Dwarf, compact grower, of soft shade of pink, with lavender touches.

Livre d'Or. Fine round habit of growth, dense and bushy. Flower a soft yellow, passing to rose color. Another French novelty of this year, and very pretty. 15 cents.

LILIUM AURATUM.

(GOLD-BANDED LILY FROM JAPAN.)

The grandest Lily grown, and a never-failing delight. The

perfume is exquisite—light, yet penetrating.

It is perfectly hardy, thriving in any good garden soil. Good sized bulbs bear from five to twenty flowers, each flower from ten to twelve inches across, and composed of six pointed recurved petals, pure white, with golden center stripe, and heavily dotted with brownish-crimson velvety spots.

After finding a suitable place, do not disturb the bulb from year to year, but allow it to increase, and you will soon have a grand clump. We have seen clumps of two to three years' standing bearing from thirty to fifty blooms.

The bulbs should be planted in light, rich, well-drained soil, and in a partially shaded situation. The only danger threatening them is water lodging about them. Plant the bulbs eight to nine inches in depth. A covering of leaves during the summer heat is beneficial, and they should be protected with a covering of litter in winter—not that it is necessary, but the Auratum appreciates any favor of this kind in the flowering season, attesting this fact by producing many more blooms, and of a larger size.

Remember, this is no untried novelty. It requires no more care than other plants, and is sure to do well. Nothing we sell gives greater satisfaction than this popular flower. Price, extra fine bulbs, 30 cents each; \$3.00 per dozen.



Lilium Auratum.

LILY OF THE VALLEY.

Single pips, 50 cents per dozen.

LINUM TRIGYNUM.

Makes a fine, large plant, which is literally covered with hundreds of large, single, yellow flowers in the depth of winter. 10 cents each.

MAGNOLIA GRANDIFLORA.

This beautiful southern shrub is in great demand in northern climates as a pot plant; give it a moderately rich soil of open texture; treat the same as an Oleander or Lemon. 25 cents.

NIEREMBERGIA.

Grandiflora. An excellent bedding or house plant of slender, grass-like habit; large, light blue flowers, produced in the greatest profusion from June to October. Very pretty, and specially suited for the cemetery Requires no care after planting. 10 cents.

bloomer. Plumbago.

Plumbago Capensis Flora Alba.

OLEANDER.

Double Pink. The oldest and best known of all the varieties in cultivation. Flowers double, and rose colored. 20 cents.

Lillian Henderson. A fine double white Oleander; one of the best yet introduced. 25 cents.

Luteum. A rich chrome yellow; semi-double flowers; a most desirable new variety, and a great addition to this popular species. Beautiful glossy foliage. 50 cents.

Luteum Variegata. Foliage beautifully variegated with golden yellow. Another fine new variety. Flower carmine. 75 cents.

OXALIS.

These plants are of the easiest possible culture, and are fine for baskets, vases, etc.

Rubra. Flowers bright red. 10 cents.

Alba. Color, white. Both these varieties flower in the greatest profusion, winter and summer. 10 cents.

Pendula. A very peculiar but pretty Oxalis; makes long pendant growths, two to three feet long. Light yellow flowers. Fine for hanging baskets. 10 cents.

Ortgiesi. An upright growing variety, with heavy trifoliate leaves of deep, rich plum color. Exceedingly large and rich; can be trained to a light support. Small yellow flower. 15 cts.

PARIS DAISY.

(MARGUERITE.)

10 cents each.

White. A ray of white petals around a yellow disk; blooms winter and summer. Fine for bedding or pot culture. Flower like the field daisy in size and appearance. A good winter bloomer.

PLUMBAGO.

The Plumbagos are desirable, on account of their beautiful shades of blue—a color by no means too common among our flowering plants.

Capensis. Very pretty plants, producing large heads of light blue flowers. 15 cents.

Larpentæ. A hardy variety, with trusses of flowers of richest shade of deep blue, blooming from August until frost. 15 cts.

Plumbago Capensis Flora Alba. The exact counterpart of Plumbago Capensis, except in color, which in this beautiful novelty is a cream white. This is one of the leading new plants of the year. Do not confound this with the old worthless white. One of the most satisfactory bedding plants out. 25 cents. The three varieties for 50 cents.

PENTSTEMONS.

Pentstemons make fine plants of from eighteen inches to two feet in height, and are in continuous bloom from the time they are planted out until frost. Flowers in spikes of Gloxinia-like form, shaded and mottled in all colors of white, scarlet, crimson, and pink. They are hardy, with a very little covering in the winter. The flowers are of great size, half pendant, bell-shaped, and marked and marbled in beautiful bright shades, making them seem more like glowing exotics than half-hardy perennials. The admiration of all who see them. They bloom abundantly from June to October, and are very valuable for cut flowers. They should be found in every garden. Give them a rich, open soil. 10 cents each.

Berlioz. Flowers of excellent form, interior white, lightly tinted with violet; lobes and tube bluish violet.

Eugene Labiche. Flowers purplish-red, interior brighter; distinct silvery shadings.

Emile Paladilhe. Flowers very large; amaranthine red, interior rayed with bright red. Very beautiful.

Gounod. Flowers enormous, very large violet lobe; throat veined violet, on white ground.

Mme. Dieulafoy. Flowers very large, deeply lobed; white, bordered with cream.

Paul Bert. Fiery red, interior veined with pure white. An exceedingly pretty piece of coloring. Very distinct.

Edouard Pailleron. Flowers grand; a distinct white throat; lobes bordered with pure salmon; a fine variety.

Jules Claretie. Very large orangescarlet flowers; throat pure white, penciled with carmine.

Parlement. Very large spikes of violet-red flowers; white throats, penciled purple.

Mme. de Feydean. Bright currant red, white throat, veined maroon; panicle of great size. Of unusual excellence.

Montague. Dark rosy crimson, throat penciled maroon.

Herodete. Bright rosy crimson, with white throat, also lined and mottled crimson. Very pretty.

TREE PÆONIA.

It is surprising that so beautiful a flower as the Tree Pæonia is not better known. It is of very easy culture, and yields with each increasing season an enormous quantity of most magnificent flowers. This plant is entirely distinct from the common Pæonia, and is a wooded shrub in growth, which in time becomes a handsome bush. Flowers are enormous in size, and of a beautiful pure white, with purple and rosy crimson markings. Flowers double. Quite hardy. Price, 50 cents each.

PÆONIAS.

(HARDY HERBACEOUS.)

One of the grandest of our hardy garden plants; give them a very rich soil and they will take care of themselves, the clumps becoming finer every year. 20 cents each.



Albiflora, in double, named varieties, in ROSE-COLOR, PURPLE, CRIMSON, PINK and WHITE.

Officinalis, in double, named varieties, in three shades of red.

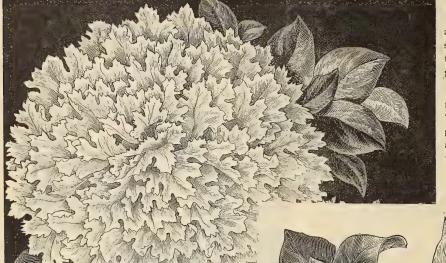


PÆONIAS.

PANDANAS.

Called Screw Pine, from the arrangement of the leaves on the stem. Excellently adapted for the center of vases and baskets, or grown as a single specimen.

Utilis. One of the finest plants for window, vase, or pot culture. The long, slender leaves re-curve gracefully, making it exceedingly attractive. Nice three-inch pot plants, 25 cents each.





FRINGED WHITE.

DOUBLE PETUNIAS.

10 cents each.

Attraction. White, mottled purple.

Cherub. White, splashed with carmine and crimson.

Double White. Perfectly double, pure white, but not fringed.

Elfrida. Rosy carmine and white.

Henry Bird. A grand double white fringed variety, very similar to Mrs. G. D. Coleman, but of stronger constitution.

La Charite. Clear white, mottled purple. One of the best.

Peerless. Fine deep purple, splashed white.

Snowdrift Improved. Extra fine white.

Thistle. Crimson, flaked white.

Volunteer. White, with rosy carmine blotches.



DOUBLE PETUNIA.

PRIMULA OBCONICA.



Pale lilac or heliotrope color, bearing large clusters of flowers well above the foliage. Delights in a cool temperature. An almost constant bloomer of very easy culture. 25 cents.

PASSIFLORA.

(PASSION VINE.)

Colvilli. A strong-growing vine, with peculiar shaped flowers, of a purplish-crimson color; foliage bright and glossy. Blooms the first year in the open air. 15 cents.

Constance Elliott. (White Passiflora.) The flowers are pure white, excepting a very slight coloring at the base of the corolla. The value of a white Passion flower must be great. A very rapid grower, but does not always bloom the first year. Hardy south of the Ohio. Must be well protected in the Northern States. 10 cents.

PHLOX.

(HARDY PERENNIAL.)

These plants require no care but dividing and resetting every second year; their vigorous growth and freedom of bloom make them very useful, while they are nearly unexcelled in beauty. The improvement made in them the past three years is perhaps more marked than in any other section of the hardy herbaceous family. Instead of the thin flowers, which were limited to lilac and white colors, we now have gorgeous flowers, of rose, carmine, red, purple, and glowing crimson, pure white and salmon, with their distinct eyes. Perfectly hardy everywhere. Moreover, they bloom from July until severe frost. The follow-Moreover, they ing varieties have all been introduced from France since 1887, many of them being novelties of this year; not a single inferior variety is listed. 10 cents each.

Ammonite. Flowers very large, of a beautiful rosy lilac; large white star-shaped center. A very lovely variety.

Atlante. (Dwarf.) White, with violet rays from a violet center.

Atlas. (Late.) Rosy salmon, darker center.

Bouton d'Azur. (Dwarf.) Rosy lilac, with white cross distinct.

Bouquet Fleuri. (Dwarf.) Pure white, with large eye of soft pink.

Concours. (Dwarf.) Very large, carmine-rose; center rich red.

Cræsus. Large spikes of large flowers, of a reddish cerise, with scarlet center.

Comedie. Pure white, with large pale lilac eye; a very delicate coloring.

Cassiopee. (Dwarf.) Rosy lilac; large white center; medium-sized flowers.

Chant. du Dupont. A medium-sized flower of deep carmine, with glowing crimson center.

Dolmen. Flowers large, of flesh white color, with large carmine center.

Erckman-Chatrian. Compact panicles of large flowers; clear bluish-violet, passing to white, with violet center.

Gen. Brice. Flowers very perfect; fiery scarlet, with velvety crimson center. One of the very best and showiest.

Gen. Frolow. (Dwarf.) Flowers enormous, of good form;

rosy heliotrope; large center of white rays.

Gen. Breart. Flowers extra large, white tinted lilac; large carmine center, turning to violet. Extra fine.

La Nuit. The darkest velvety crimson; a magnificent variety.

La Orage. Very full large panicle; the flower a brilliant scarlet crimson, with beautifully distinct center.

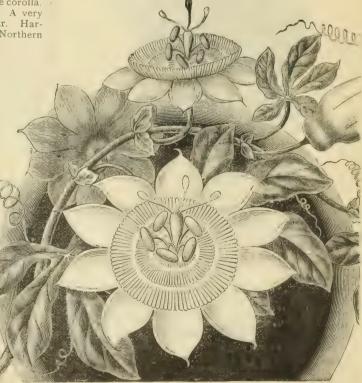
Michel Cervantes. Pure white, with eye of crimson rays; very bright and distinct.

Massenet. Perfect flowers of soft lake, bordered with clear rose

M. Bernhardt. White, with extremely large carmine-crimson center.

Pascal. Very large; pure white, with rosy carmine center. Purple Fine. Immense panicles of clear royal purple. A very rich color.

Schliemann. Deep carmine edges, with glowing crimson center; distinct velvety texture. Very fine.



PASSION FLOWER

RUELLIAS.

so cents each.

Beautiful summer bedding plants, also fine for the window in winter.

Formosa. Flower of rich scarlet, and of Lobelia shape, larger than Cardinalis. The foliage is very heavy, and a beautiful shining green.

Macrantha. Color reddish heliotrope, and of Gloxinia form. Very beautiful.

Devosiana. Narrow purplish-brown leaves; a very effective foliage plant; white flower.

RHYNCHOSPERMUM.

Jasminoides. Flowers white, in clusters, of the sweetest Jasmine-like fragrance; leaves heavy and glossy, like those of the lemon-tree. A beautiful shrub. 25 cents,

ROSEMARY.

"That's for remembrance." Fine plants. 10 cents.

SALVIA.

(SCARLET SAGE.)



Salvia.

The Salvia is of easy culture, attaining a height of two to three feet. The flowers are very attractive, especially the scarlet and variegated varieties. Price, 10 cents each.

Greggi. A most beautiful new variety; very free flowering; blooms continuously through the Summer. The flowers are rather small, but are of a most brilliant cherry color. One of the most desirable.

Splendens. One of the finest of Fall-blooming plants, being completely covered in Autumn with long spikes of dazzling scarlet flowers, remaining in bloom until cut down by frost.

M. Issanchon. Creamy-white flowers, evenly variegated with scarlet; plant dwarf and free flowering. The best variegated sort we have seen.

Patens. Very handsome for borders or centers of beds. Flowers larger than the Scarlet Sage; it has the prettiest shade of blue of any plant in cultivation; foliage a peculiar shade of sage green, and of a rough, flannelly texture. 20 cents.



DOUBLE TUBEROSE.

One of the most delightfully fragrant and beautiful of the Summer-flowering bulbs, throwing up tall spikes of double white flowers three feet high, which remain in bloom a long period. For early flowers they can be started in February or March, in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as August. For flowering in the open borders, plant about the first of May. 10 cents each; \$1.00 per dozen; \$6.00 per hundred. Second size, 3 for 25 cents; 75 cents per dozen.

SPIREA.

Callosa Alba. A new white-flowering Spirea, of dwarf habit. Very fine; perfectly hardy; blooms in July and August. One of the most desirable. 10 cents.

Reevesii Fl. Pl. A beautiful shrub, with narrow leaves; bears fine clusters of double white flowers. One of the finest shrubs grown. 10 cents.

Prunifolia. Height, four feet; very beautiful; flowers perfectly double, like white Daisies; blossoms in May. 15 cents.

Van Houttii. The grandest of all the Spireas. A two or three-year-old plant will have sent up hundreds of graceful, willowy stems from four to six feet in height, and again bending nearly to the ground. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of twenty to thirty flat white florets make up the racime, and these clusters are set close along the drooping stems. Perfectly hardy, and an early bloomer. One of the finest plants in our Catalogue. 10 cents.

VERBENAS.

With, perhaps, the exception of the Geranium, the Verbena is the most popular and useful bedding plant. The varieties offered comprise the best colors, and will be found in every way desirable. Verbenas delight in sunny situations, a rich soil, and thorough cultivation. 10 cents each; 10 for 50 cents, 10 kinds; 20 for \$1.00.

America. Crimson scarlet, with white eye.

Blue Bird. Fine blue, white eye.

Beauty of Oxford. Very large deep pink.

Crimson Belle. Velvety red.

Mrs. Woodruff. Intense scarlet.

Negro. Dark purplish black.

Purple Beauty. Reddish purple.

White Beauty. Pure white.

Also, Mrs. Raymond, Mattie, Mozart, Silver Star, The Banner, etc.

VIBERNUM.

(SNOW BALL.)

A well-known shrub; attains a height of eight or ten feet; produces showy white flowers in large balls or masses in June. 15 cents.

VIOLET.

It is one of the leading florists' flowers for bouquets and cutflowers. All the varieties should have a slight protection of leaves during the winter. A better plan to insure early spring flowering is to plant in cold frames in the fall. They thrive best in the summer in a shady situation, in a rich, deep soil.

Marie Louise. (Double.) Deep violet-blue; very fragrant and free flowering. It should be grown by all interested in the culture of cut flowers, on account of its easy forcing qualities. 10 cents each.

Swanley White. (Double.) The flowers are large, pure white, and very fragrant. This magnificent Violet is highly prized for its pure white flowers and the freedom with which it blooms. 10 cents each.

WEIGELIA.

Rosea. This is one of the most charming shrubs in cultivation; it cannot be too highly recommended. The flowers are large, and of a deep rose color; they are borne in such profusion that the whole plant appears a mass of lovely bloom. 15c.



WISTARIA.

One of the most highly prized of our hardy vines. Plant in a good rich loam, and when once established the growth is very rapid, the vine often attaining a height of 40 to 50 feet.

Sinensis. Produces grape-like bunches of pale lilac flowers in profusion. Often gives a second crop of bloom in the fall. 25 cents.

Sinensis Alba. Flowers borne in long, drooping clusters, as in the blue variety, pure white in color, making a most striking and elegant contrast. 25 cents.

ZEPHYRANTHES.

Rosea. (Atamasco Lily, or Prairie Lily.) A very free flowering bulb, with flexible, graceful grass. Plant six to a dozen in a clump, or pot; winter like Gladiolus; color, bright pink. 50 cents per dozen.

OUR BULB CATALOGUE,

CONTAINING A LIST OF THE BEST OLDER VARIETIES OF

HYACINTHS, TULIPS AND OTHER BULBS AND PLANTS,

Together with NOVELTIES worthy of dissemination, will be ready September 1st, 1889, and will be mailed to our customers without notice.

All others desiring a copy should make early application.



GEORGE PERNET.

We doubt not that the majority of our readers will turn first to these pages as the most interesting part of our Catalogue, because the man or woman is hard to find who does not dearly love a good rose above all other flowers.

The yearly increasing numbers of new home-makers plant hundreds of thousands of roses every year, while the owner of a good rose garden, like the typical book-buyer, is never done adding to his fine collection.

VARIETIES TO PLANT.

If not already supplied, be sure and plant several Hermosas and La France, hardy everywhere, and ever blooming; after these, if you live in a COLD CLIMATE, have plenty of Hybrid Perpetuals, and hardy climbers, the sweet "June Roses," so called; and of course you will also want some Everblooming Teas, for though they winter-kill, they are inexpensive, and we all feel very luxurious when we can treat ourselves to a bunch of home-grown Tea buds.

If good fortune has given you a home south of the Ohio, or near the Pacific, nothing but choice need limit your selection of varieties.

OWN ROOTS.

Our roses are on their own roots, because the American amateur will have no other. Only a few varieties grafted, for propagating purposes, are ever found on our place, and these are never used in filling orders. If by mistake you ever receive such a plant, please notify us at once.

PREPARATION OF ROSE BED.

We can not do better than repeat last year's instructions on this point: Select a sunny spot not undermined by roots of trees, and quite level with the grass-plot. Prepare your bed by digging to the depth of 18 inches. Any good garden mould will grow roses, but they are especially fond of small clods of clay in the soil. If the bed is not underdrained naturally, provide drainage by means of broken bricks and stones at the bottom. Add one-fourth old, well rotted cow manure to the soil and clay. Ground bone ranks next to old cow manure as a fertilizer, and may be used in place of it or in addition to it. Roses are rank feeders, and amply repay the food and moisture given them, both with luxuriance and elegance of foliage, and profusion and size of bloom.

After the plants have been set out, which should be early in the season, keep the soil loose by frequent shallow stirrings, till the middle of June, when they should be mulched by covering the surface of the bed to the depth of an inch or so with old manure or any strawy material, to prevent evaporation. An occasional application of manure water greatly stimulates growth, and growth, with most roses, means bloom.

WINTER PROTECTION.

North of the Ohio the everblooming roses require protection during the winter. Remove a little earth from the side of the rose-bush, cut out all the tender growth, and strip off most of the leaves; then bend the bush over and cover to the depth of three or four inches with loose earth, over these a light covering of boards or boughs. Any mode of protection is as good as this, provided it prevents sudden freezing and thawing, and does not hold moisture about the stem, causing decay. A straw covering is apt to harbor mice.

Do not cover too soon; wait until the plants are well matured and severe weather is beginning; light freezing will not hurt them. Uncover when the frost is leaving the ground, and spring is fairly opening. Prune out all injured wood and level the earth.

ROSES IN POTS

The Tea, Bourbon, and China Roses should be selected for growing in pots in the house; these will give you a succession of bloom, if treated in the following manner: Drain the pots well with broken bits of crock; mix one part of well-rotted cow manure with two parts of light, friable soil, and press firmly about the roots of the rose. Keep well watered during the summer, more scantily in fall and winter; the Scollay's sprinkler, noted elsewhere, will be found very useful in spray ing the foliage when the roots do not need moisture.



MME. GEORGES'BRUANT.

Keep all flower buds pinched off until winter, then give all sunlight possible. Keep your plant clean, and keep it growing. About 60° is best temperature for it.

NOVELTIES OF THE PRESENT YEAR.

Rugosa is the wild rose of Japan, a hardy, glossy, large-leaved plant, bearing single flowers of red or orange; introduced into Europe, it has become highly prized as a shrub for lawns, being beautiful in bloom, and also when covered with the bright red seed-vessels.

Several interesting experiments in cross-fertilization have heen accomplished with it in this country, and also in France. Monsieur Bruant, of Poitiers, having succeeded in crossing it with the highly prized Sombreul, and named the rose thus obtained Mme. Georges Bruant. The new variety retains the heavy thorny canes and glossy leathery leaves of Rugosa, while the flower is dazzling white, positively untinted and semi-double. The bud is long pointed like Niphetos, the fully expanded flower being from 4 to 5 inches in diameter, showing a heavy tremulous brush of yellow stamens in the center; it blooms in clusters, and is deliciously fragrant. We have been greatly pleased with this elegant rose, and believe it must prove very valuable in this country, as it is a constant bloomer, and Monsieur Bruant says that it winters nicely. Price, 1st size, 75 cents; 2d size, 50 cents.

Mme. Hoste. (Tea.) One of the very finest roses ever sent to this country. It is already known in England as a fine bed-

der, while our own experience also shows it an excellent indoor winter bloomer. It is a strong bushy grower, and a bud can always be cut with long stem and closely set leaves, of heavy texture and dark green color. It is like Perle in growth, and also in the fact that the bud shows different shades in different temperatures. In cool weather it is an ivory white (scarcely cream), of even tint, very much lighter than shown on the cover; in the summer it is a bright canary, with a deep amber center. We know of no Tea Rose with larger or more finely shaped bud. It is globular, and at the same time distinctly pointed, and, as this shape of bud always indicates, is very double, and an unusually beautiful open rose. Probably "THE" rose of the year for both amateur and florist. 35 cts.

Countess Anna Thun. (Tea.) A strong, bushy grower, with flowers freely produced on short stiff stems; shows the characteristics of a good bedder, but is not a winter forcing variety. The flowers are of extra size and beautiful form. The color is a rich orange-salmon, shading to silvery pink. It is quite wonderful, both in size and color, in the line of Comtesse de Nadaillac, but equal to the finest Mme. Margottin in coloring. 25 cents.

Mme. Carle. (H. T.) A dwarf branching variety, producing enormous quantities of beautiful crimson-scarlet flowers, shaded on the tips of the petals with silvery rose. A good bedder, and fine for pot culture. Very bright and fresh. 25 cts.

Princess Sagan. (Tea.) A strong growing rose, with small closely set dark foliage, and medium-sized flowers of the brightest scarlet and of

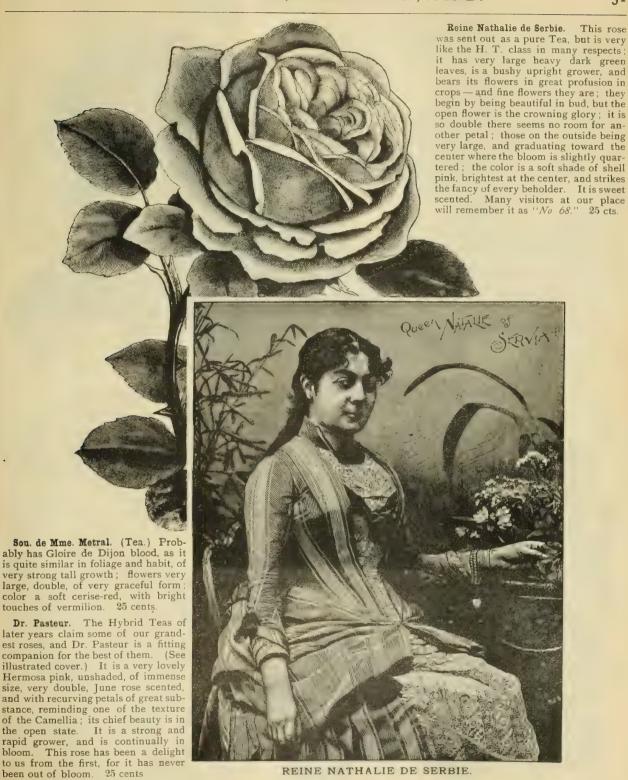
velvety texture. A single bud or blossom will catch the eye at a great distance, so brilliant is the color. It is as free in bloom as Bon Silene, and unmatched in color, which fully atones for its lack of size. 25 cents.

Mme. E. Piard. (H. T.) A very strong rampant grower, with semi-double flowers of a bright red color, shaded silvery rose; buds long and nicely formed, becoming cup-shaped, but not a free bloomer. 25 cents.



PRINCESS SAGAN.

Mme. Andre Duron. (H. T.) Another grand rose of this year. It is an "everbloomer" indeed, never being without flowers, which are large and double, and cupped after the style of American Beauty, and of a beautiful bright crimson, unshaded. Sweet-scented, like the June roses, and also as strong and heavy in growth. A good deal of discussion is going on in the horticultural papers concerning it; we predict that it will become popular, for few roses combine so well continuity of bloom, fine color, sweet odor, and strong growth. 25 cents.



REINE NATHALIE DE SERBIE.

Mme. Philemon Cochet. (Tea.) Has extremely beautiful heavy foliage, and plenty of it, being a fine rapid grower and a profuse bloomer, the flower always coming on a long stem; the bloom is of medium size, semi-double, and a delicate pink, with shell-shaped petals. While not especially remarkable, it has so many good points as to make it a very pretty rose. 25 cents.

Miss Ethel Brownlow. A pure Tea, of robust branching habit, foliage rich and handsome, very free flowering; flowers (carried on stout stems) of great substance and perfect form. The petals are thick, round, and very smooth. Color salmon-pink, shaded yellow at the base of the petals. Raised by Dickson, of Belfast, Ireland. 25 cts.

White Perle. (Tea.) We possess the entire stock of this American rose, which originated with a neighbor of ours as a "sport" from a Perle des Jardines. We have given it a long trial, and believe it is an ideal amateur's rose. It has foliage darker and rougher than Perle, throws up long slender stiff canes, each one bearing a pure white bud of something more than medium

white bud of something more than medium size, and quite upright. Every flower can be cut with a very long, closely-foliaged stem, which we consider a strong point of beauty in a rose. It has the delicate Tea fragrance. We think that every lover of white Tea roses will be delighted with White Perle; it will be found totally distinct from Bride or any other white rose. 35 cents. See cut, page 53.

Mile. Henriette de Beauveau. (Climbing Tea.) Another ally of Gloire de Dijon, which assures it a strong grower, with heavy leathery foliage. The flowers are large, double, and of fine globular form; a lovely clear yellow. 25 cents.



NEW POLYANTHAS.

WE HAVE THREE EXTRA FINE ADDITIONS.

Geo. Pernet. A strong growing dwarf variety, forming a perfectly round bush, which will be very useful for borders. It is continually in bloom, the flowers being quite large for this class, of a beautiful flat form; the color is very bright rose, with touches of yellow, and passes to peach-blow, with silvery white shadings. As is usual with this class, it bears great clusters of bloom. 35 cents. See cut, page 48.

Gloire des Polyanthas. A beautiful dwarf variety, with quite small flowers which are prettily cupped. A real "fairy rose"; the color is bright pink, with a red ray through each petal; quite distinct. 25 cents.

Mile. Jeanne Ferron. A vigorous climbing Polyantha, the flowers very large for the class, double, the petals pointed and arranged to form a full rosette; color a beautiful satin rose, bordered with flesh color. Will prove a fine pillar rose for the South. Foliage as fine and heavy as the average in the Tea section. 25 cents.

NEW TEA ROSES OF LAST YEAR.

These have proved such a notable set that we have thought best to Catalogue them in a group by themselves again this year. We have received a great many favorable comments on them, while certain varieties have not done so well in certain localities, though suc-

ceeding admirably in others.

A. D. Marie Immaculee. (Tea.) A strong, vigorous grower, with large double flowers of splendid form; the color is an intermingling of bronze, orange, yellow, pink, and crimson; an intensely brilliant flower of novel shades. 15 cents.

Countess Frigneuse. In color charming; in freedom of bloom second to none, with finely-colored leafage; the buds are long and pointed, not





MME. WATTEVILLE.

unlike Niphetos in form, and of good size; the color is delicate golden yellow, with softer shade on inside of petal. Although of the general color of Perle, it is totally distinct in shade, in form, and in style of growth. An excellent bedding Tea. Price, 10 cts.

Chateau des Bergeries. Light canary, center darker yellow; large globular flowers, very double, with a finely-shaped bud of good size. A very free growing sort, bearing a profusion of flowers. A splendid bedder. 10 cents.

Duchess Bragance. A strong, vigorous grower, with large double flowers of graceful form; bright canary at the center; each petal bordered paler. 10 cents

Dr. Grill. Coppery yellow, with a rosy reflex, back of the petals shaded china rose; an entirely new color, and of great brilliance. The outer petals are large, round, and shell-shaped, and inclose a mass of shorter petals, which are of very brilliant color. A vigorous, healthy grower, and very free in bloom. 15 cents.

Elizabeth Grammont. Bright rose, base of petals coppery yellow. A lovely open rose, of good substance and flat recurving shape. Not especially remarkable for size or color, though very double, and never without a flower. 15 cents

Luciole. A very beautiful Tea rose, of the most brilliant and extraordinary coloring; rosy carmine, deep saffron yellow, and yellowish bronze combine in a large, exquisitely formed bud and flower. Price, 20 cents. See cut, page 52.

Lady Zoe Brougham. Bright tawny yellow, after the style of Ma Capucine, but more double and of better form. This has bloomed finely for us, and we now rank it among our best roses. 25 cents.

Mme. Schwaller. (H. T.) Like Puritan, this rose has the strong, firm growth of the H. P.s, the same form and finish of flower, being especially beautiful when full grown; it is very free in bloom and has the fragrance of La France. The color is a bright rosy-flesh, paler at the base of the petals, and deepening on the edges. Apt to come in clusters, which are excellent for cutting. A rose from which we hear very flattering reports from all directions. 20 cents.

Meteor. (H. T.) A velvety red everbloomer of the deepest glowing crimson, as fine as a Hybrid; flower of medium size, very double, and petals slightly recurving; a beautiful open rose, a free bloomer, and promising well as a pot rose. It has no tinge of violet or purple to mar its beauty (as Bennett often has), it does not come minus a stem, as Duke of Connaught so often does, but promises to be a reliable dark red everbloomer, free from bad qualities. Price, 15 cents.





Mme. H. Defresne. Beautiful dark citron yellow, with coppery reflex. Strong growing and free blooming. Greatly admired for its combination of colors, which is very pleasing. 15 cents.

VISCOUNTESS FOLKESTONE.

Mile. C. Perreau. Bright rose, often coming very pale rose; vigorous grower, finely shaped buds. A seedling from Sou. d'un Ami. Has developed finely during the year, and deserves

to rank high among pink roses. The shape is very round and beautiful, perfectly double, and of that soft shade of silvery pink so universally admired. 10 cents.

Mme. Chauvry. Nankeen yellow when opening, the back of the petals turning china rose, whilst their face becomes copper yellow. A very large, fine flower when open. A climbing rose, especially suitable for the South. 20 cents.

Mme. Etienne. One of the very finest of clear pink Tea roses; the form of the flower is quite similar to that of Beatrice—that is, the petals recurve, giving it the shape of a Came.ia. The texture is heavy, and the color is a warm, yet delicate pink, slightly deeper on the edge of the petal. A very beautiful variety, and freer in bloom than C. Mermet. This rose is styled the Dwarf Mermet by the French growers. Price, 15 cents.

Marie Lambert. Pure white; a seedling from Mme Bravy, and even more vigorous. Has been called the White Hermosa, as it resembles Hermosa in form and freedom of bloom, and is quite as valuable, for though no claim is made for it as a fancy rose, its persistence in bloom will make a very popular white variety for bedding or for pots. 10 cents.

Mme. Scipion Cochet. A charmingly beautiful Tea rose of more than usual merit. Color, a soft primrose yellow, with rose shadings. Deliciously sweet scented, and very unique in the size and shape of its buds. As this belongs to the Countess la Barthe section, its freedom of bloom is at once settled. Price, 15 cents.

Nameless Beauty. (Namenlöse Schoene.) A variety of German origin, which produces finely formed flowers of a whitish cream color. It is recommended on account of its great freedom of bloom, producing roses in clusters and corymbs. Fragrant, free, and fine. Highly recommended by German authorities on the rose. 15 cents.

Puritan. (H. T.) We could almost characterize this as an everblooming Merveille de Lyon. The foliage, the calyx, the bloom, would all place it among the H. P.s, but it is an undeniable everbloomer. The flower is of grand size, of the purest ivory white, very double, and set in abundant calyx foliage of deep green. It throws up heavy thorny canes, and carries a profusion of dark, large leafage. Its keeping qualities may be inferred, when cut blooms crossed the Atlantic in good condition. Its greatest beauty is as an open rose. It must be-

come established and attain size before the plant will bring perfect blooms. 25 cents.

Princess Hohenzollern. A very strong, vigorous grower, with beautiful foliage, dark and large; flowers very large, more than semi-double, of perfect form, often produced in clusters, color bright deep satiny red, with a lighter center. 15 cents.

Princess Beatrice. A pure Tea, of strong growing habit; heavy foliage, coloring deeply after the style of Perle: flower stems stiff and upright, and bright red, carrying large buds of exquisite color; outer petals varying from canary to golden yellow, edged lightly with bright rose color; from its first opening the petals roll their edges backward, displaying the bright apricot center. The open rose is exquisitely beautiful, very double, and lasting well when cut; strongly tea scented. It has proved a fine garden rose. Price, 15 c.

Sonv. de Victor Hugo. Bright china rose, with copper yellow center, ends of petals suffused with carmine. A charmingly beautiful combination of coloring, and each color blends nicely with the other. This variety ranks with the best, and is a rose of decided merit. The relationship to Countess de la Barthe assures us a free bloomer, in size and length of bud equal to the best teas. Of decided merit. Price, 10 cents.

Vicomtess de Wautier. Beautiful rose color, petals tinted yellow on the outside and rosy white inside. The center a deep rose, producing a charming effect. Large, full, vigorous, and exceedingly free in bloom. 10 cents.

White Gem. Might be named after Mr. Barnum's famous "What-is-it?" as Eastern growers have been asked to name it, with widely different results. Mr. Ramsden, the introducer, is in some doubt

himself; it very closely resembles the grand old variety, M. Van Houtte, and is not unlike Count de Grivel, though neither of these roses have ever borne buds of the size and finish shown by White Gem. A grand autumn bloomer, full of buds when blighted by frost, and of extra fine foliage. 20 cents.

Viscountess Folkestone. (H. T.) No rose in our Catalogue has grown in popularity during the past year like Folkestone. It is unsurpassed among light colored varieties. It is graceful to the last degree, with strong, heavy foliage. The flower is delicately tinted flesh, almost white, and lustrous as satin; when full blown is like a fine white Pæony, but without a sug-



gestion of stiffness. We rank it with La France. Sweet scented. Price, 30 cents. See cut on page 54.

Ye Primrose Dame. This rose has quite astonished us with its great freedom of bloom, even small plants being covered with buds, after the fashion of the Polyanthas. Of slender, drooping habit, and fine delicate foliage, the buds are of good size and pointed. The color is perfect; outer petals a delicate cream, with glowing carmine center, which shows in the earliest stage of opening. We confess to its being a favorite with us; in very hot climates we think it will be benefited by partial shade and by heavy mulching. 20 cents.

TEA AND HYBRID TEA ROSES.

STANDARD SORTS.

Price, 10 cents (except where noted). OUR SELECTION, 15 for \$1.00.

Roses are separated into two grand divisions, the Everblooming section (Teas and Hybrid Teas), and Hybrid Perpetuals (Hardy June Roses). The former are the more popular, on account of their freedom of bloom. The Hybrid Teas, a part of this Everblooming section, partake of the nature of both Tea and H. P., and claim some of the finest varieties of the rose extant.

Adam. A lovely rose; bright, fresh carmine-pink; extra large, very double, and full; free bloomer; delicious tea scent,

Antoine Verdier. (H. T.) Flowers large and well formed, of a fine dark rose color, with a well defined line of silver on the edges of the petals; cup shaped. Vigorous and free-blooming. As hardy as La France, and a wonderful autumn

flowering variety. This is one of the very finest bedding roses known. Hardy in the North, and valuable on that account. Very sweet scented.

Bon Silene. We find this rose as popular as ever, though not very double. The buds are of beautifully rounded form, and of a deep rose color, paler in the center. Extremely free in bloom, long stemmed, and fine for cutting.

Catherine Mermet. Positively unsurpassed; we doubt if it ever will be excelled. Buds of the very largest size, extremely double, and of the most delicate shade of pink; petals heavy and wax-like; the open rose is also magnificent. An excellent grower. Another rose that should be in every collection, and the more of it, the better. See cut on page 55.

PLACE PRINTER

Cornelia Cook. Long considered the best everblooming white, except Niphetos. It is a beautiful creamy white; buds of immense size, and very double; sometimes does not open well, which is its only weak point, but a magnificent flower when well grown, and very sweet scented. A good grower.

Comtesse Riza du Parc.
Color coppery rose, tinged
with soft violet crimson. A
distinct and valuable variety. The flowers are somewhat larger than Comtesse
de la Barthe, but not so
freely produced.

Comtesse de la Barthe. This rose combines exquisite perfume, beautiful coloring, and a matchless profusion of flowers and foliage. Its coloring is a soft light rose, with heavy shadings of amber and salmon. Quite hardy, and in every respect admirable.

Coquette de Lyon. No rose like it for freedom of bloom. The plant is a fine grower, and carries numbers of flowers on every shoot. A fine yellow rose, large, not at all formal, but very attractive. Called the yellow Hermosa, from its free-flowering character.

Edmund de Biauzat. A strong, vigorous grower, with fine leathery foliage and erect shoots; the petals are thick in texture, but rather short; color peach, tinged with salmon and pink. Excellent reports come to us of this rose from south of the Ohio, where its profusion of bloom has been very notice-

Etoile de Lyon. This is considered one of the finest yellow bedding roses for outside planting. It is, moreover, one of the hardiest in the Tea section. It blooms freely, and every flower is a gem. It equals M. Neil in size, on good strong bushes. A deep chrome yellow. A remarkable rose, deserving extensive culture.

Francisca Kruger. The striking color of this handsome rose places it at once in the front as a bud producer in the open air. It is closely allied to Catherine Mermet, and resembles it in everything save color; in its shading of deep copper yellow it stands unique and distinct from all others. The flower, when open, is of good size, and very symmetrical. One of the finest roses to plant in masses and clumps.



PAPA GONTIER.

Henry Meynadier. Flowers large and well formed, petals heavy and rounded; a beautiful shade of rose color. Very sweet scented, and never fails to open well. One of the best of more recent introduction (1885), and already in great demand.

Katie Metchersky. Of the Mme. Falcot type, with dense, fine foliage; buds long and pointed, of perfect form; color light cream yellow, with silvery shadings. Requires a sheltered situation, and repays any extra attention given it.

J. V. Mertens. A very strong, vigorous grower; flower of medium size, double, slightly pendant; of a clear creamy yellow; a variety noted for its abundant and continuous bloom, which fully atones for its lack of size.

Lady Stanley. (1888.) A grand French Tea rose; a robust grower and very free bloomer; buds long and pointed, and of extra size; a fine dark red color, with light touches of a shade nearly chamois in the center. 15 cents.

Lettie Coles. One of the loveliest roses grown, without exception. It is very double, and cupped, forming a magnificent, full, open rose of soft creamy white, with very bright rosy carmine center. A splendid grower, and a universal favorite. Should be in every collection. 20 cents. See cut, page 58.

La France. (H. T.) We have always given this the first place, the queen of all the roses. Accounts come to us from all quarters every year describing the great profusion of its bloom from June till frost, and extolling its fragrance and immense size. It is of superb form, and as double as a rose can be. No variety can surpass it in delicate coloring—silvery rose shades, with pink; it has a satin sheen over all its petals. It is universally regarded as the most useful of roses, for it is hardy beyond question; it blooms continuously; the flower is large, finely built, endures for a great length of time, is exquisitely colored, and fragrant in the highest degree. Another rose of which one can never have too many.

Mme. Kuppenheim. Lovely copper yellow, illumined and shaded with brilliant red in the center of flowers. Altogether one of the very finest colored roses grown, and one that combines very rare shadings; of beautiful form. 15 cents.

Marie Van Houtte. Of a fine, faultless strawyellow color, with the outer petals washed and outlined with a bright rosy crimson; occasionally the whole flower is suffused with light pink. This beautiful variety succeeds everywhere, is not particular as to soil, thrives under adverse circumstances, and is properly speaking, the rose for the people. It grows vigorously, blooms freely, and is most deliciously scented. In cool weather it often changes color, taking on gorgeous crimson tints

Mme. Welche. An extra fine variety; very large, double, and of beautiful rounded form. Color apricot yellow, very heavily shaded throughout the center of the flowers with dark orange red, variable at times, frequently coming light canary, with deep shadings. The flowers are large, of good size and substance, and endure well after opening, giving the bush a handsome appearance. One of the very best Tea Roses. Owing to the great demand at all times, the rose is comparatively scarce.



EXACT FORM OF LETTIE COLES.

Mme. Watteville. One of the most remarkably beautiful roses ever introduced, besides possessing nearly all of a rose's good qualities. The habit is good, and it is a thrifty grower; the leafage is beautiful, the fragrance very delightful, while peculiar. This is the "Tulip Rose," so called in Europe because of the feathery shading of bright rose around the edge of every petal, the body of the petal being creamy white and of heavy texture. This rose but adds to its reputation each succeeding season, and is now considered one of the finest roses in the list by leading growers. See cut on page 53.

Mme. Joseph Schwartz. White, beautifully flushed with pink. Plant grows with great vigor; extremely free with its flowers, of medium size, cupped and borne in clusters; one of the hardiest of its class for out-door bedding.

Marie Guillot. Perfection in form; the flower is large and double to the center. Until the introduction of The Bride, this held first place among white Tea roses in purity of color, depth of petal, and queenliness of shape. Grows well, and is healthy. One of the best out-door summer-blooming roses; an absolute pure white when fully open.

Marechal Robert. A splendid rose; large, full, globular form; color pure white, faintly tinged and shaded with soft rosy-blush and pale lemon; the bud is fine, while the open rose is large, full, and extremely beautiful. Fine in autumn and for forcing.

Miss Edith Gifford. Of fine vigorous growth, foliage similar to Perle des Jardines; flowers large and unsurpassed in heaviness of texture; the color is a soft ivory white, the bud, very early in its development, showing a glowing carmine heart; the form is elegantly long and pointed; the open flower is grand, owing to its size, texture, and quantity of petals. See cut, page 3.

Mme. Falcot. Apricot yellow. An old rose, not superseded by a better variety. Flowers of medium size and fullness, but very beautiful in bud, and of the easiest culture.

Mme. David. Pale rose predominating, margined with white, sometimes salmon rose; a very dense wooded sort, and of slender growth. While this rose will never appear among the aristocracy, it is a good everyday variety, and is becoming an especial favorite in the South, where it is profuse in bloom, and especially liked for its color.

Margaret Ramet. Color china rose, passing to peach, with silver reverse. Very sweet; flowers small to medium; pretty, but not especially remarkable.

Mme. Lambard. This variety, as seen by us the past few years, is lacking in one certain point, and that an essential one; it carries too many poor buds. Out of a dozen or fifteen buds, one perfect one will develop. The color is variable; purplish rose, sometimes very red, the outer petals creamy. However, we find that many correspondents differ from us, and insist that this variety is strictly first-class in their localities.

Niphetos. A snow-white rose of immense size, the bud when full grown running from two to three inches in length; it is the standard for determining value of long-pointed buds by comparison. When half blown or fully open it is positively startling by its size and purity. The foliage is beautiful, stems slender, and drooping under the weight of buds. An absolute necessity in a green-house. To do well out of doors, except where roses thrive exceptionally well, it is necessary to have extra-sized plants. We grow two sizes of this rose; the usual size, 15 cts; larger plants, 30 cts.

Noele Merle. Flowers large, quite double, and prettily formed. Coppery rose in color, with light shading, sometimes tinged with salmon.

Papa Gontier. A grand red Tea, of fine crimson shade and silken texture, (as distinct from velvety texture); the bud is of fine size and graceful form, and you would never suspect from it that the rose is only semi-double. Extremely free, both in growth and bloom; very long, beautifully leaved stems can be cut, the foliage being very dark and heavy. One of the best green-house varieties, and a perfect bedder. See cut, page 57.

Pierre Guillot. (H. T.) One of the finest and most valuable in the whole list; bright velvety crimson, passing to brilliant carmine; flowers large, very double and full, and highly scented; a healthy and vigorous grower, and a constant bloomer from June till frost. The outer petals are broad, round, and decidedly recurved, showing the short, closely set inner petals. Among the few good everbloomers, this ranks very near the front, for it is double, without a tinge of a disagreeable shade, and always in bloom. 15 cents.

Princess of Wales. Color a rich rosy yellow, the center deep yellow; very chaste and waxy in appearance; long, pointed buds. Moderately vigorous in growth. Will repay any extra attention that may be given it.

Perle des Jardines. Probably the most widely known of roses, unless it be La France or Marechal Neil. We almost feel it unnecessary to describe this variety, but for the benefit of those who are just beginning their lessons in roses, we will say it has the handsomest foliage in the family; very dark green and heavy, while the new growth is deep crimson. No rose surpasses it in beauty of bud, which is at once globular and pointed in form, with recurving petals The open rose is as double and as fine as a Hybrid; the color varies with temperature from cream to deep yellow. A great many of our customers buy this by the dozen annually. It is also the finest forcing rose known.

Sunset is a "sport" from Perle des Jardines, which it strongly resembles, except in color. The flowers are of large size, fine, full form, very double, and deliciously perfumed. The color is a remarkable shade of rich golden amber, elegantly tinged and shaded with dark reddish copper, intensely beautiful, and resembling in color a splendid "after glow." Sunset is a constant and profuse bloomer, and, taken altogether, is probably one of the finest roses of later years. It is particularly valuable for forcing and growing in conservatories; the foliage is identical with that of "Perle."

Safrano. Bright apricot yellow, changing to orange and fawn, sometimes tinted with rose; valued highly for its beautiful buds; fragrant; a very rampant grower, and exceedingly profuse in bloom; only semi-double when open, but informal and pretty when the bush is covered with the expanded blooms. We fully expected that Safrano would be laid aside when Sunset became known, but it is not so, as rose growers seem to feel that a profusion of beautiful buds makes up for lack of petal in the open flower, and the two varieties seem equally popular.

Souv. Gabrielle Drevet. Salmon pink, with center of coppery rose; each petal has a small white center of good size and fine form. We regard it as one of the very best introductions of later years. It is superbly rich, belonging to the class of "Tulip Roses," carrying such fine combinations of color. Very satisfactory in habit, growth, and freedom of bloom; the buds are carried on heavy, stiff stems, probably one reason why they keep so well after being cut. See cut, page 60.

Sombreuil. This magnificent variety has immense finely-formed flowers of beautiful white, tinged with delicate rose; buds large and full, blooming in clusters. A grand and beautiful rose when in full bloom. 20 cents.

Souvenir Isabell Nabonnand. Light fawn color; very large, globular buds; strong grower and free bloomer. A superior and distinct variety.

Susanne Blanchet. Outer petals a clear flesh white, with deep flesh center; perfection itself in color, and charmingly beautiful; in shape similar to certain varieties of the old Provence Rose; outer petals large and broad, with short inner petals; of delightful fragrance. Foliage large, erect in growth, with beautiful leafage; new shoots very high-colored.

Souvenir de Mme. Pernet. Salmon-pink, base of petals shaded with yellow. In color too much like its parent, La Barthe, and inferior to Jeanne Abel.

Souvenir de Therese Levet. A very beautiful rose; a genuine red Tea; pure, clear crimson, assuming a slight cast of purple as the flower ages. The bloom bears a considerable resemblance to Catherine Mermet in form; each petal shows at the center of its margin a decided point, which gives the flower a clear-cut appearance. Its odor is powerful and delicious. 20 cents. See cut, page 61.

W. F. Bennett. (H. T.) Undoubtedly the best red forcing rose in existence, though closely followed by Papa Gontier. There are few sections where it is satisfactory when bedded out, as the hot sun turns it into a variety of dingy colors; nevertheless, in a greenhouse and in some favored localities, it is a good substitute for Gen. Jacqueminot, and exceedingly fragrant. 20 cents.



PERLE DES JARDINES.

The Bride. The best pure ivory-white Tea Rose. It is strong growing, and will thrive where other white varieties fail. Save in color, it is identical with Catherine Mermet, from which it is a "sport." The buds, which are of grand size, are carried high and erect on bright, smooth stems. It has, however, one fault, which we are sorry to name—it "pinks" in

very hot weather; that is, the outer petals take on a pale flush. Nevertheless, except in unusually hot, dry summers, it is unsurpassed for purity of whiteness and for form and size. We greatly enjoy showing this grand rose to visitors who see it for the first time. See cut, page 56.

™ Climbing Teas fand Noisettes. ₩

Price, 10 cents each, except where noted.

This class of roses is especially suited for mild climates, where severe winters will not interfere with their climbing growth from year to year. In Georgia and sister States they frequently embower the second stories of the houses. With us in the North they can not reach more than the bushy form of the Tea class. Fine for conservatory use.

Baron Sinety. Of Gloire de Dijon parentage; climbing habit. Color deep yellow, with dark center; of fine form and finish.

Cloth of Gold. Golden yellow; fragrant. One of the finest roses, but a shy bloomer.

Celine Forestier. Color fine canary yellow, with deeper shadings; finely formed flowers, and fragrant. Very free blooming. One of the best.

Climbing Hermosa. Clear, bright pink flowers, medium size, full and regular; very fragrant; a strong grower and free bloomer.

Gloire de Dijon. Our Southern friends are unbounded in their admiration of this fine rose, which is seen there in its fullest perfection, being quite hardy in their section, where it is used as a pillar rose. It is noted for the great size of its flowers, its delicate tea scent, and its exquisite shades of color, being a blending of amber, carmine, and cream. One of the finest roses on our list. 15 cents.

James Sprunt. Deep cherry-red, very pretty and distinct; desirable as a climbing or pillar rose; very profuse bloomer. A sport from Agrippina.

Lamarque. Flowers of medium size, borne in large clusters, which are the distinctive features of the rose. Established plants bear thousands of blossoms, pure white; double. It flowers in what a florist would call "crops," and is very beautiful in its seasons.

Marechal Neil. A beautiful deep sulphur-yellow; very full, large, and exceedingly fragrant. It is the finest yellow rose in existence. It has a climbing habit, and where it is allowed to grow until it attains a large size, as it will in a few years, it will yield thousands of beautiful flowers. A rose so famous as to need no description. Grown the world over for its, golden-yellow flowers. We have a magnificent stock of this variety to offer again this year, running from 12 to 18 inches in height, a year or more old. These can not fail to give satisfaction. Price, 10 and 20 cents, according to size.

Melanie Soupert. A strong climbing variety, a seedling from Gloire de Dijon; the flower is very large, perfectly double, and pure white. A grand variety.

Reve d'Or. A vigorous, rampant grower; flower deep yellow, sometimes coppery; large and full.

Solfaterre. Fine, clear sulphur yellow; good form, large, full, and double; very sweet and good.

Reine Marie Henrietta. A seedling of the Gloire de Dijon, with bright red flowers; large, full, and scented. This rose partakes somewhat of the Hybrid Perpetual character, and in shape, form, and size, it is certainly very distinct and beautiful. The color is a bright cherry-red, a pure shade. A strong, vigorous grower, and specially suited for conservatory culture. This rose succeeds well all over the South, and many plants of this variety are a source of pleasure and delight to their possessors in the States south of the Ohio.

Waltham Climber, No. 3. The best and darkest of the three red seedlings of Gloire de Dijon, an abundant bloomer, and especially free in the fall. A grand crimson-flowered autumn rose. Price, 20 cents.



SOUV. GABRIELLE DREVET.

Reine Olga de Wurtemberg. Large, full, and fine; color rosyflesh, delicately tinged with salmon-yellow, petals margined with crimson; blooms in clusters.

Wm. Allen Richardson. Orange-yellow, outer petals lighter, center copper-yellow; very rich. A rose rapidly becoming popular.

Polyantha Roses.

"JAPANESE," OR "FAIRY ROSES."

to cents each, except where noted.

No plant catalogued is of easier culture than these Polyanthas. They make fine borders; they are grand for loosely arranged cut flowers; they are beautiful pot plants. Excepting Max Singer and Perle d'Or in the North, all these varieties are especially valuable for cemetery planting, requiring no care after being properly set.

Florabunda. Introduced last year; a truly everblooming variety; flowers of medium size, produced in great clusters; sweet scented and double; of a soft, even, rosy shade.

Little Pet. With short petals and a good double flower. As it opens the bud appears of a blush color, but it is soon seen that this is only upon the back of the outer row of petals, the other portion of the rose being pure white. Compact in growth and very free.



SOUV. THERESE LEVET.

Mignonette. Its color is a clear, delicate rose, with a frequent and peculiar intermingling of white that makes its appearance still more unique and pleasing. It always blooms in clusters, and flowers freely in winter as well as summer; florets about an inch or an inch and a quarter across. In point of fragrance very peculiar, its odor being totally unlike that of any other rose, and delightful. Thirty or forty blooms in a bunch is nothing unusual, and the plant is perfectly hardy in Northern States without protection.

Miniature. One of the most beautiful Polyantha roses; flowers quite small, and of regular form; plant very dwarf, but vigorous and branching. Color white, slightly tinted with a peachy pink.

Mile. J. Burland. White, shaded with carmine rose, of medium size, very double; flowers produced constantly and freely.

Max Singer. (Climbing Polyantha.) A very strong, rampant-growing rose; will be useful in the South for covering verandas and pillars; flowers in clusters like the dwarf varieties; color like the Hermosa, bright pink. Highly spoken of wherever grown. Flowers an inch and a half in diameter.



Pacquerette. The most double and perfect of the Polyanthas. Only an inch across, and so double as to be almost globular; never showing a center, and never losing its regular circular form; always blooming, winter and summer—a trait that runs through the Polyantha blood.

Perle d'Or. A yellow Polyantha, and a welcome addition to the class. The color is not the clear golden shade of Marechal Neil or Perle des Jardines, but the darker copper and less brilliant shade of La Chamois or Ophirie, and is much deeper at the center than upon the outer petals, where it becomes almost white The plant is beautifully compact and symmetrical, and blooms with all the freedom of its class. Flowers larger than any other Polyantha, and in the form of a miniature Camellia.

HARDY CLIMBING ROSES.



No more beautiful sight is ever seen in our Northern country than the Hardy Climbers loaded with bloom in early summer. Feed them well and they yield quantities of roses, beginning to flower the second year. The varieties described below are the best, and succeed well in all sections of the country.

Price, 10 cents each.

Baltimore Belle. By all odds the most beautiful of the hardy climbers; no Northern home should be without one. Beside using against a wall or trellis, they make a fine background for hardy roses, or may be used as a center-piece in a round bed, by clipping back slightly. When open, the roses are medium sized, flat, and very double; a beautiful white, slightly tinted; buds light carmine and white. It can not be praised too highly.

Prairie Queen. Clear, bright pink, sometimes with a white stripe; large, compact, and globular; very double and full; blooms in clusters; one of the finest.

Greville, or Seven Sisters. Flowers in large clusters; varies in color from white to crimson.

Tennessee Belle. Clear rose color, in large clusters; a fine climbing variety.

Chinese and Bourbon Roses.

The Bourbons are perfectly hardy south of the Ohio, but in the north most of them require some protection.

The Chinese are of similar constitution with the Teas; the flowers, though not very large nor double, are borne in profusion, and consequently they are planted largely every year.

10 cents each, except Malmaison.

Agrippina. (Chinese.) Rich, velvety crimson, beautiful in bud. The best of all the Chinas, and a much finer flower than can be found elsewhere in this section. For bedding it is unsurpassed. Few roses are so rich in color.

Appoline. (Bourbon.) An extra fine rose; very large, full, and double; exceedingly sweet; color clear pink, dashed with rosy-crimson; edges and reverse of petals silver-rose; one of the best for Summer bedding, and quite hardy even in the Northern States. Quite as satisfactory as the old favorite Hermosa.

Archduke Charles. (Chinese.) Brilliant crimson scarlet, shaded with violet crimson. A splendid rose.

Alfred Aubert. (Bourbon.) A vigorous grower and profuse bloomer; bright red color.

Bourbon Queen. Delicate flesh-rose, shaded with salmon; double, and of good size; a beautiful flower.

Hermosa. (Bourbon.) Light pink; large, full, and double; grows freely and blooms profusely; quite hardy, even in the North. One of the best Bourbons in cultivation, combining almost all that is to be desired in a Rose; perfect hardiness, with a constant succession of beautifully formed and fragrant flowers. We believe Hermosa is the best known in the entire rose family, and a universal favorite; its hardiness and persistency in bloom under the most trying circumstances, showing its delicate satin flowers among very queer surroundings at times, give us a very affectionate feeling for this lovely rose.

Lucullus. (Chinese.) Rich, velvety crimson, one of the darkest roses of its class; flowers comparatively large and freely produced,

Mrs. Bosanquet. (Bourbon.) Delicate flesh-color; outer petals white; large and double. An old and well-tried rose, deserving its popularity.

flowers quite double and of large size. Hardy, strong growing, and one of the most profuse bloomers

Souvenir de la Malmaison. (Bourbon.) A noble rose; the flower is extremely large, quartered, and double to the center; color flesh-white, clear and fresh. Has been considered the finest Bourbon Rose for thirty years. Its great beauty in the Fall makes it the finest of all roses at that season. A flower Queen's Scarlet. (Chinese) In color, rich velvety scarlet; that is universally popular, and always will be so. 15 cents.

MOSS*ROSES.

20 cents each; 6 plants for one dollar.

All roses like a rich soil, but none appreciate it more than the Moss section; they really require it to support their strong, The word "perpetual," as applied to Moss roses, usually means a full crop of bloom in June, scattering blooms during the summer, and a lighter crop in the fall. They are perfectly hardy, and once planted require little attention, beginning to bloom the second year. Few flowers enjoy the almost reverential affection bestowed upon the Moss rose, with its filmy veil and aromatic fragrance. Perfectly hardy even without protection.

Perpetual White. One of the finest of the family, flowering in clusters; buds heavily mossed; fragrant; a strong-growing, freeblooming kind. Very desirable for cemetery

Henry Martin. Rich, glossy pink, tinged with crimson; large, globular flowers; full and sweet, and finely mossed.

Mme. Moreau. (Perpetual.) Buds finely mossed and very beautiful; color rich carmine, with crimson center; petals edged with white; fragrant.

Blanche Moreau. (Perpetual.) A strong, vigorous grower, of very branching habit; the flower is large, double, and borne in clusters; color pure white, finely mossed.

Glory of Mosses. A magnificent Moss Rose; extra large and perfectly double; color deep rosy carmine, shaded purple crimson; very mossy and fragrant; one of the finest of the most rampant growing roses to be found in any class, and a most profuse bloomer in its season

Eugene Guinnoisseau. (Perpetual.) A vigorous grower, producing large, full flowers of reddish cerise color; nicely mossed, and a good autumn bloomer.

Comptesse Murinais. ("Hundred leaved Moss.") Buds finely mossed; flower pure white, large, double, and fragrant, borne in clusters. One of the most beautiful varieties, but not a perpetual bloomer.

Salet. (Perpetual.) A strong grower; one of the best and most widely known; flower bright rose, lighter edges, large and double.

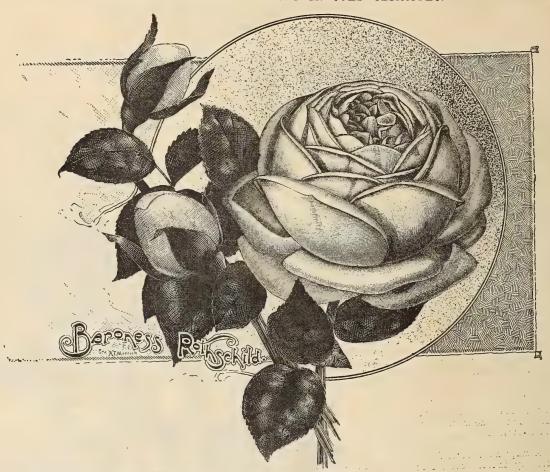
Deuil de Paul Fontaine. (Perpetual.). A moderately strong grower; flower dark crimson, large and double. We believe this is the darkest variety in the section.



HYBRID PERPETUALS,

OR "JUNE ROSES."

STRONG GROWING: HARDY IN COLD CLIMATES.



Culture.—Prepare the bed as under general directions. Each fall, mulch thoroughly with leaves and old, strawy manure; in the early spring spade this into the soil; cut back weak shoots, and shorten the canes as desired. Don't forget to use the hellebore on the very first sight of a worm on the leaves.

We hope that every reader of our Catalogue has already a fine bed of H. P. Roses, or else intends to have one immediately, especially if he lives in the north.

Nice young plants, set early in the season, will bloom the second year, and after that their growth is very rapid; they fully repay the patience required in waiting their development, and are a permanent fixture for a generation to come, or longer.

NEW VARIETIES.

Mme. Jos. Desbois. A vigorous grower, containing some Hybrid Tea blood; flower flesh color, with salmon-rose center; very large and double. Fine habit, particularly noticeable; sturdy and erect, like Capt. Christy; almost pure white. 35 cents.

Orgueil de Lyon. A strong, vigorous grower; flowers a little

more than medium size; the petals are very large, and distinctly ruffled, giving the rose a very fine double appearance, and a peculiarly beautiful rosette form. The color is a velvety crimson shade, with touches of scarlet and very dark shadings. 35 cents.

Columbia. A sport from Comtesse de Serenye, and one of the very finest bedding roses for our country. It is a pure white, lasts well, and is not easily injured by rain. Produces flowers singly on long stems, and has very handsome foliage. 35 cents.

Lady Helen Stewart. Another strong grower, and quite "perpetual" in its bloom. Color a bright crimson scarlet; petals smooth, and of good substance; very highly perfumed. Exceedingly brilliant. 35 cents

STANDARD SORTS.

10 cents each, except where noted.

American Beauty may be described as an everblooming Hybrid Perpetual. Every characteristic would place it among

H. P.s, except its succession of bloom and the freedom with which it can be forced in the winter. Its color is a deep, glowing rose, sometimes darker, but always a beautiful distinct shade, whether darker or lighter. The shape is globular, very double, and the odor is delicious. Price, 20 cents

Antoine Mouton. Flower bright, clear rose, reverse silvery; very large, full, and of good form; a strong, upright grower.

Anna de Diesbach. Bright, fine rose color, very large and showy. Particularly fine in bud. Flower slightly cupped; a vigorous grower; one of the best. This is the famous Gloire de Paris.

Alfred Colomb. Bright carmine crimson; very large, full, and of fine globular form. One of the finest roses grown, both in form and color, besides being an excellent grower. Many European growers insist that it is identical with M. P. Wilder. We doubt this, but it is very similar to it, and quite satisfactory in growth. 20 cents.

Baroness Rothschild. The form of this rose is absolute perfection; globular in shape, the petals curved, and of waxen texture. Though perfectly double, there is no crowding of petals. Flowers large, with satiny finish, and of a very pleasing shade of delicate but decided pink. Habit and style of growth very good. A perfect H. P. Price, 25 cents.

Baronne Gonella. A moderate grower, but abundant bloomer; generally in clusters; color pink, shading into pale heliotrope; reverse deep rose. A very lovely perpetual variety.

Baron Bonstettin. Red, black, and crimson; flower large and full; one of the darkest. A vigorous grower.

Cheshunt Hybrid. Deep purplish crimson; fine flower, sweet scented, and inclined toward a climbing habit.

Compte de Paris. Brilliant poppy red, shaded and illuminated with bright purple and vivid crimson; large, full, and of good form and finish. Very vigorous; a grand new rose.

Coquette des Alps. White, sometimes shaded pink; in clusters, of fine cup form. Beautiful for cemetery planting. Perhaps the very finest white for open air planting.

Capt. Christy. This is one of the most popular varieties of roses in Europe, universally esteemed for its many good qualities. It is the result of crossing Victor Verdier and Saffrano, and is virtually a Hybrid Tea. It is quite free in growth, with peculiar, light, leathery, green leaves. The flowers are of a magnificent form, very double, and stand erect. Color a fresh, delicate pink, with deeper shading in center of the flower, the whole flower possessing a bright, satiny appearance. Very free flowering. A desirable variety. 15 cents.

Coq. des Blanches. A finely-formed, pure white rose; occasionally shows light flesh when first opening; beautiful shell-shaped petals, evenly arranged. Flowers of good size, perfect, and of fine form and finish. We think highly of this beautiful white rose, blooming as it does throughout the entire summer. It is sure to please. One of the finest, freest, and most beautiful of the white hybrids. Very suitable for cemetery planting.

Countess Serenye. Flowers flesh color, rosy shadings on the under side, inclining to salmon while in bud. Of extra size, and full cabbage rose shape; very free in bloom, and set off by fine foliage.



PAUL NERON.

Crown Prince. Flowers bright purple, the center shaded with lurid crimson; very large and double; petals fine; very floriferous, and of excellent growth and habit.

Claire Cochet. Vigorous; flowers very large, slightly globular, full; petals very large; color fine clear rose, brighter in the center; the edge of the petals covered with a diamond gloss; one of the finest French introductions of later years. Price, 25 cents.

Duke of Edinburgh. Brilliant scarlet crimson, shaded with maroon; large and full; one of the best.

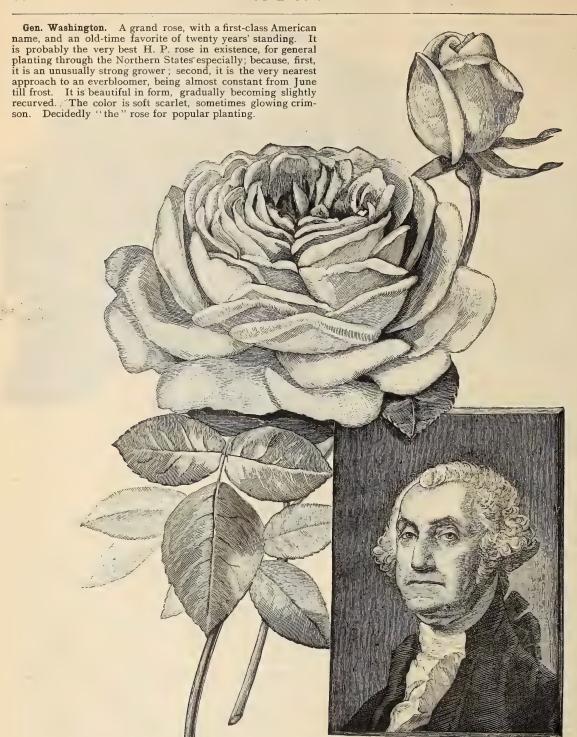
E. Y. Teas. Moderately vigorous in growth; deep cerisered; large and full, of perfect globular form, and very sweet. Habit quite erect.

Eugene Furst. A vigorous grower; flower velvety crimson, shaded darker. Large, full, and of good shape. A fine, dark variety.

Gloire Lyonnaise. White, slightly tinged with saffron; large, but quite open in the center. In form of flower and fragrance it resembles the Tea Roses; quite distinct. This was heralded as a new yellow H. P., but it is a decided failure as far as that color is concerned; however, it is a grand creamy white. 15c.

Giant des Battailes. Brilliant crimson; large, very double, and sweet. An old-time favorite, and still deservedly popular.

Gabriel Tournier. A fine free-blooming rose. One of the freest blooming varieties in the section,



GENERAL WASHINGTON.

General Jacqueminot. Bright crimson, exceedingly rich and velvety. The buds and partially expanded flowers are very fine, and fairly glow with deep, rich coloring. A vigorous grower and free bloomer. Grown extensively; should be in every collection. Known as one of the finest roses extant.

"Who is there now knows aught of his story?
What is left of him but a name?—
Of him who shared in Napoleon's glory,
And dreamed that his sword had won him fame.

Ah, the fate of man is past discerning! Little did Jacqueminot suppose, At Austerlitz or at Moscow's burning, That his fame would rest in the heart of a rose."

Her Majesty is still in great demand, especially in the South. It now proves a strong, healthy grower, with rather a dubious record as to freedom (!) of bloom in the North. When it does bloom, it is beautiful in the extreme, of immense size, and the most delicate rosy pink. 20 cents.

John Hopper. Bright rose, with carmine center; large and full. One of the best. Vigorous and free.

Jean Liabaud. Fiery crimson, shaded with black; very dark and rich. Flowers large, full, and beautifully formed. Good habit. A fine, dark rose.

Jules Margottin. Bright, clear, cherry-red, large and very double; a magnificent rose; free bloomer, and vigorous. A general favorite. One of the best roses.

La Reine. A favorite old variety; rosy-pink, large, full, and very double; vigorous, free.

Mme. Charles Wood. Rosy-crimson, sometimes darker; large and double to the center, of open form. A low grower, but branches freely.

Marie Rady. Brilliant red; flowers large, and of fine form, very full, imbricated. One of the finest.

Mme. Plantier. A pure white variety, probably the very best for massing; the flower is of medium size, borne in great profusion; of elegant cup shape, and very fragrant. A good autumn bloomer.

Mme. Alfred Carriere. A very vigorous grower, somewhat dwarf; the color is a beautiful shade of flesh, touched with salmon; large and full. A fine autumnal bloomer.

Mrs. John Laing. A new Hybrid Rose, the production of Mr. Bennett; color a soft, delicate pink, with a satin tinge; the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped, and exceedingly fragrant. A vigorous, strong grower, every shoot producing magnificent bloom. It commences to flower very early in the season; is remarkably profuse in the production of its bloom, even until late autumn. Perhaps the freest blooming rose in its class, and very sweet. A rose of very great merit. From indications will do finely in the forcing house. Splendid in pots, and valuable in the open ground. 20 cents each.

Mabel Morrison. Of excellent habit, and a very free bloomer; petals thick, and of a soft, smooth texture, shell-shaped; very double, and rounded in form. Of the purest white, and almost velvety in its finish. One bloom, with its attendant foliage, is a bouquet of beauty in itself. Price, 25 cents.

Marshall P. Wilder. Color bright cherry-carmine; fragrant; of vigorous growth, with fine foliage. One of the freest H. P.s in bloom. We can recommend this rose without hesitation. 20 cents.

Maurice Bernardin. Bright crimson, large, moderately full; a good, free-flowering sort; generally comes in clusters. Very fine

Marie Baumann. Bright carmine; flower very large, and of exquisite form; free bloomer; in every way one of the finest roses grown.

Marie Bianchi. An imbricated rose, of good form; very fragrant; light rosy-pink, shaded silver. Free flowering.

Pride of Reigate. Sport from Countess of Oxford, with flowers spotted and striped with white, varying greatly in its colors and markings from original description, but beautiful in all its phases. 25 cents.

Mme. Masson. Large and double; color reddish-crimson, of fine form and substance; a constant bloomer, and invaluable for bedding purposes; one of the best.

Prince Camille de Rohan, Crimson-maroon; moderately double; good habit; fine in bud. A shy bloomer.

Merveille de Lyon. An immense rose, of the purest untinted white. Quite double, slightly cupped, while globular in outline; set in large calyx foliage. A gem among flowers. Perfectly hardy; requires little attention after being properly set out. Price, 25 cents.

Mme. Gabriel Luizet. The color is a fine satin rose, inlaid with silvery-rose, and color heightened at the center. It is one of the sweetest and most beautiful roses grown. Price, 25 cents.

Paul Neron. Deep shining rose, very fresh and pretty. Flowers large, often measuring five inches in diameter, and it has this merit: though very large, the buds always develop fine, perfect roses. It is, moreover, a good, strong grower, with nice, almost thornless stems, which often attain 6 and 7 feet in a single season. We know of no rose possessing so many good points to recommend itself as the Paul Neron. Grown by thousands in the Eastern cities for its good, free-blooming qualities. See cut, page 65.

Queen of Queens. Pink, with blush edges; large, full, and of perfect form. A true perpetual flowering rose, every shoot being terminated with a flower. A splendid garden rose. Price, 25 cents.

Victor Verdier. Rich cherry-rose, shaded carmine, very fine coloring; flowers large, beautifully formed; very full; very free flowering. A popular rose.

White Baroness Rothschild. A pure white flowered Baroness Rothschild. This variety retains all the fine qualities of its parent, and is a veritable white Hybrid Rose. Petals broad and shell-shaped, each with narrow, recurved edge. The white of this rose is not the sheeny white found in the Tea Roses, but the soft texture seems to absorb the light instead of reflecting it. Its fine habit makes it a beautiful object on a grass plot. A royal flower. Price, 25 cents.

EXTRA LARGE ROSES.

BY EXPRESS ONLY.

The following varieties we have in large sizes and in great quantity. We have nearly all the other roses named in our Catalogue in large sizes, but in more limited quantity. In ordering large sizes not found in this list, please let us know what you would like as well, in case we should be out of the variety when your order reaches us. They are grand plants, in fine condition, and will please every buyer.

Adam, 25c. Anna de Diesbach, 25c. Alfred Colomb, 40c. Agrippina, 20c. Antoine Verdier, 25c. Alfred Aubert, 20c. Baroness Rothschild, 50c. Baltimore Belle, 25c. Cardinal Patrizzi, 25c. Clotilde Soupert, 25c. Crown Prince, 25c. Compte de Paris, 50c. Chas. Dickens, 50c. Countess Anna Thun, 50c. Catherine Mermet, 25c. Chateau Bergeries, 25c. Comtesse Frigneuse, 25c. Capt. Christy, 30c. Coq. des Blanches, 25c. Cheshunt Hybrid, 25c. Devoniensis, 30c. Duke of Edinburgh, 25c. Elizabeth Grammont, 25c. Exadolphe, 25c. Eliza Boelle, 25c. Florabunda, 25c. Greville, 25c. Gen. Washington, 25c. Gen. Jacqueminot, 25c. Giant of Battles, 25c. Hermosa, 25c. Isabella Sprunt, 25c. Jno. Hopper, 25c. lean Liabaud, 25c. Luciole, 40c. Lucullus, 25c. Lettie Coles, 40c. Mabel Morrison, 50c Merveille de Lyon, 50c.

Mme. G. Luizet, 50c.
Mlle. C. Perreau, 25c.
Malmaison, 30c.
Mme. Denis, 25c.
Mme. Etienne, 30c.
Mme. Scipion Cochet, 30c.
Mme. Schwaller, 40c.
Mme. A. Nabbonnand, 25c.
Mme. Lambert, 25c.
Mme. Kuppenheim, 30c.
Mme. C. Wood, 25c.
Mme. Lambard, 25c.
Marquis Vivens, 35c.
Meteor, 30c.
Marie Baumann, 25c.

Mme. Plantier, 25c.

Mme. Masson, 25c.

Mignonnette, 25c.
Mile. J. Burland, 25c.
Melville, 25c.
Marechal Neil, 20, 35, & 50c.
Pierre Guillot, 30c.
Papa Gontier, 25c.
Princess Hohenzollern, 30c.
Prince C. Rohan, 25c.
Puritan, 50c.
Pæony, 25c.
Paul Neron, 25c.
Perle des Jardines, 25c.
Perle d'Or, 25c.

Princess Beatrice, 30c.
Pacquerette, 25c.
Queen's Scarlet, 25c.
Queen of Queens, 50c.
Reine Nathalie de Serbie, 50c.
Safrano, 25c.
Sunset, 25c.
Sou. de Victor Hugo, 25c.
Sombreul, 40c.
Sou. Therese Levet, 40c.
Viscountess Wauttier, 25c.
Waltham Climber, No. 3, 35c.

In addition to these, we have nearly all the new roses of this year, in double size, at double the Catalogue price for small plants.

Rose Notes for the Year 1889.

The new roses of the year comprise some very interesting varieties, and those selected by us for cataloguing, we feel sure will please the most fastidious of amateurs.

Decidedly the most notable of the set is the variety, Mme. Hoste. This, like a Gladstone among men, towers above all the rest, and is destined to dispute with all other Tea Roses for the highest honor. Too much can not be said in its praise.

Dr. Pasteur is extremely lovely, and as sweet as the old Damask rose.

White Perle will speedily win a place for itself, with its fine white buds tipping the long wreath-like branches of leathery foliage. An ideal amateur's rose,

Princess Sagan is a decided improvement in color over the dark Teas, and while not so large as we could wish, yet its velvety scarlet color, coupled with its freedom of bloom, puts it in the front rank.

Andre Duron, Countess Anna Thun, Mme. Max Singer, Miss Brownlow, and Mme. Cochet will be found charming in color, and of decided merit as bedding varieties.

Reine Nathalie de Serbie was introduced some two years ago, but did not find its way to America until the present year. This is a most magnificent rose, totally distinct from all existing Teas in shape and color. We give this our highest commendation.

Mlle. Henriette de Beauveau is a clear canary yellow, fine for warm climates, where it can luxuriate and grow at will.

Sou. de Mme. Metral is the best red rose of the Gloire d'Dijon section, and these two last will delight our Southern friends, who admire splendidly colored climbing roses.

The Polyanthas of the year are decidedly good, and a fine improvement on older sorts, notably Geo. Pernet.

We are extremely glad that we can offer our new roses at so very moderate a price this year. We find that everybody likes to experiment with a few of them, and they certainly are within the popular reach as catalogued for 1889.

We have a number of other new roses, which can be furnished at 25 cents each, comprising the following kinds, but which we do not feel warranted in recommending, without further trial, although another year's trial may prove them first-class:

Viviand Morel. Color cramoise-red, with purple shadings. A poor grower thus far.

Edward Pailleron. A climbing Tea, of silvery yellow and bronze coloring, not large enough.

Mme. Jos. Godier. Inferior to Sunset in color, and of poor habit.

Therese Lambert. Color yellowish rose, with pink center.

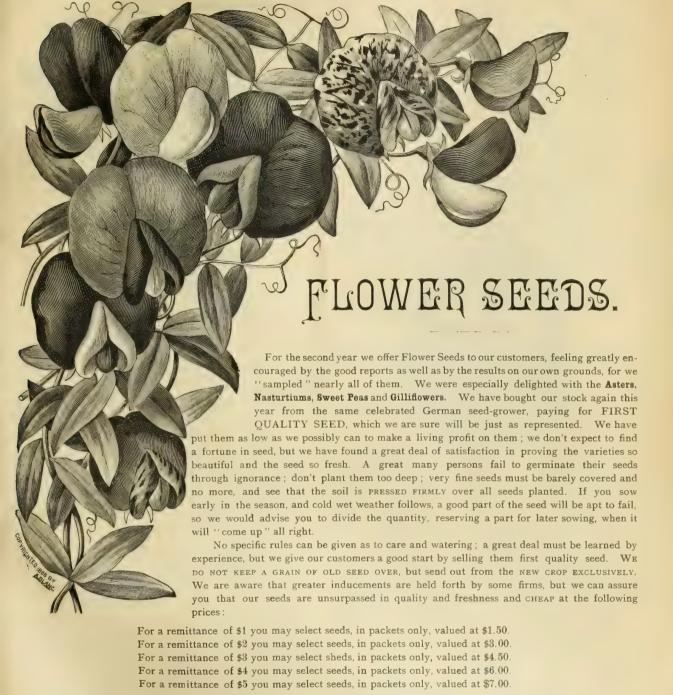
Jules d'Assonville. One of the prettiest pink Hybrid Teas we have ever seen, but positively will not grow for us.

Baron Hoffman. A climbing noisette, of tremendous growth; red, shaded yellow.

L'Ideal is spoken of across the water as being superior to Wm. Allen Richardson, which it much resembles.

We may be mistaken in our estimate of these roses, but we must see more of them. If any of our customers, who have foreign advices on roses, wish to try any of these last seven sorts, we will furnish them of our best plants, at 25 cents each; the seven for \$1.40.





Individual orders for any of the preceding amounts will be entitled to the same premium as Club orders. The above premiums will be allowed only on Flower and Vegetable Seeds in packets. For Plant Clubbing rates see page 5.

ALL SEEDS FREE BY MAIL, AND FIVE CENTS PER PACKET, EXCEPT WHERE NOTED.

AGERATUM.

One of our best free blooming Summer flowers, and the best blue for bouquets; flower, brush shaped.

Albiflorum. Pure white. 5 cents

Little Dorrit. Bright azure blue, dwarf; blooms in profusion.

Mexicanum. Soft lavender blue, 1 ft. high. 5 cents.

AQUILEGIA, COLUMBINE.

Hardy. A grand old garden favorite, and one of the most graceful of flowers. Double varieties of clear colors, mixed. 5c.

ADLUMIA CIRRHOSA.

Alleghany Vine. A lovely, delicate vine of quick growth and delicate lavender; blooms in clusters. 10 cents.

ALYSSUM, SWEET.

A desirable hardy annual, flowering from early Spring till killed by frost, and all Winter in the green-house if sown in August. Flowers pure white, in racemes, and of a peculiar delicate fragrance. Most effective in masses, with plants one foot apart. Useful in all kinds of small bouquets. Grows one foot high.

Common Variety. Pure white. 5 cents; 1/4 oz. 10 cents.

Compactum. A new white variety, compact and erect growing. A decided improvement in form of plant. 10 cents.

ADONIS. ("Pheasant's Eye.")

A beautiful annual, of the easiest culture. Very pretty finely cut foliage, and lasting a long time in bloom. Bright colors in mixed varieties. 5 cents.

AMARANTHUS.

Valuable for its varieties of handsome foliage, whether grown in the conservatory or garden. The colors will be more brilliant in moderately rich soil.

Salicifolius. (Fountain Plant.) Two and a half to three feet high, pyramidal in form, branching close to the ground. Leaves beautifully undulated, varying from green to bronze, and later to a bright -orange-red color, forming magnificent bright colored plumes. 10 cents.

Joseph's Coat. Leaves yellow, red, and green; also known as Tricolor. Not very tall growing. 5 cents.

Love-lies-bleeding. (Caudatus.) An old-fashioned garden favorite; dark red. 5 cents.

Princes' Feather. (Cruentus.) Too well known to need a word of description. 5 cents.

All but Joseph's Coat make fine back grounds (3 to 4 feet) for lower growing plants.

ANTIRRHINUM, OR SNAP DRAGON.

Constant bloomers the first year till after frost; an old favorite that has been much improved in size and color. TALL SORTS, 2 to 3 feet, all colors mixed. 5 cents.

Tom Thumb. All colors mixed. 5 cents.

ASTERS.

Even if you are not fond of "bothering" with seeds, you ought to grow plenty of Asters at least; (and also Stocks and Sweetpeas and Nasturtiums, and—) plant in three sowings, about two weeks apart, that you may have a bountiful succession for cutting, till Chrysanthemums come to take their place. The tall-growing, long-stemmed varieties, with their large, feathery blooms (Truffaut's and Tall Victoria), are the sorts for cut flowers; the dwarfs are useful for edging, or for producing an even mass of color for bedding.

Remember the difference in making your selection, and be sure and have plenty of white for cutting.

for cutting.

In the North do not sow outside until the soil is warm—say April 20. Some of the finest blooms can be had by sowing the seed even as late as June 10. If very early blooms are desired, the seed should be sown inside, in shallow boxes or pots, and planted out at proper time. Asters like best a rich, friable soil. When planting outside,



firm the seed well in the soil with the hand, cover lightly, and be careful not to get it too deep—one inch is the proper depth.

DWARF.

(For Massing in Beds, but not Useful for Cutting.)



Dwarf Aster.

Improved Dwarf Pyramidal. One of the finest of the dwarfs, averaging 10 to 12 inches in height, and forming a pyramid of bloom.

Pale pink, 10 cents. Dark rose, 10 cents. Light blue, 10 cents. Deep red, 10 cents.
White, 10 cents.
Above colors mixed, 10 cents.

TALL SORTS.

Truffaut's Pæony-Flowered Perfection. (1½ to 2 feet high.) The flowers of this class are of fine size, very rarely showing a center, finely incurved, gradually becoming flat as the bloom ages. Equally popular with the Tall Victoria.

Bright rose, 10 cents. Snow white, 10 cents. Dark crimson, 10 cents. Rosy violet, 10 cents. Above colors mixed, 10 cents.

Tall Victoria. (Benary's Prize.) 18 inches to 2 feet high. Regarded as the very finest class in the Aster family; a most profuse bloomer on long, nicely-foliaged stems; flowers of very large size, beautifully rounded and soft in form, the colors simply exquisite. The pale violet is one of the finest colors to be found in the flower garden.

Snow white, 10 cents. Peach blossom, 10 cents. Dark crimson, 10 cents. Above colors mixed, 10 cents. White, turning to rose, 10 cents. White, turning to azure blue, 10c. Pale violet, very lovely, 10 cents.

German Quilled Aster. Clear colors, mixed, 5 cents.

Finest Mixed Aster Seed, all varieties and all colors, per packet, 10 cents.



BALSAMS.—Camellia Flowered,

Are used largely for making baskets and table decorations. Sow the seed where you wish it to grow, two seeds in a hill, and pull up one, if both grow; it will do as well, if not better, in this way Perfectly double, with recurving petals of the than any other. form of a Camellia. Very fine varieties only.

White, rose flowered, 10 cents. Flesh color, 10 cents Rose, 5 cents. Lilac, 5 cents.

Light lemon, 10 cents.

Crimson, spotted, 10 cents. Mixed, Camellia flowered, 5 cts.

BRACHYCOME, OR SWAN RIVER DAISY.

Daisy-shaped flowers, borne in profusion all through the Summer. One of the very prettiest of annuals, the flowers nearly hiding the bush. An introduction from Australia.

Blue, 5 cents. Above, mixed, 5 cents. White, 5 cents.

BALLOON VINE .- (Cardio spermum.)

A beautiful, rapid growing vine, with very fine delicate foliage, and balloon-shaped seed vessels. 5 cents.

CALENDULA.

Officinalis Le Proust. (Pot Marigold.) Flowers as double as Asters; petals small and numerous, of bright nankeen yellow. As a pot plant for winter blooming it is very beautiful, and never without flowers. As a summer bedder it has no superior among annuals, being nearly hardy, it blooms all through the first frosts, becoming a bright orange with cold weather. After every other flower is gone it makes a brilliant spot in the garden waste. Foliage beautiful pale green. 5 cents.

CONVOLVULUS MINOR.

Dwarf Morning Glory. Mixed colors. The Dwarf Morning Glories are very beautiful indeed, the plants being a perfect mass of bloom. A solid bed of this is extremely beautiful, or, it can be used as a border, as the plants are only 6 to 8 inches high, with lovely colors. 5 cents.

MORNING GLORY, OR CONVOLVULUS MAJOR.

The well known and beautiful free-flowering class of climbers. 5 cents each.

CALLIOPSIS, OR COREOPSIS.

Few, if any, annuals are more useful than these; the colors are rich and striking, flowers numerous and beautiful, texture very velvetv.

Yellow and brown, 5 cents.

Rich crimson, brown and yellow, singularly marbled two feet.

Above varieties, mixed, 5 cents.

CELOSIA, OR COCKSCOMB.

Start early in the house, and transplant the last of May. Give them a rich soil. One of the most beautiful ribbon beds in the Chicago parks was composed of Cockscomb and Centaurea (Dusty



Glasgow Prize.

Glasgow Prize. (See cut.) A grand dwarf variety with brilliant crimson combs of immense size; blooms on very young plants. Only 8 to 10 inches high; the very finest sort for lines or borders. Makes a beautiful pot plant. 10 cents.

Best tall crimson, 5 cents.

CENTAUREA GYMNOCARPA.

(DUSTY MILLER.)

The best white-leaved bedding plant for Summer effect. Use in lines with dwarf Cockscomb.

Beautiful white fern-like leaves; very valuable for white lines in ribbon planting, or for single specimen plants; also a fine window plant. 10 cents.

COBÆA SCANDENS (Climber).

Large bell-shaped purple flowers, of great substance. Cover lightly with soil, and use a glass cover to start. No handsomer climber can be found. Few flowers within our knowledge have so heavy a texture, combined with so beautiful a form and ornamental calyx. The stems are long and rubber-like; foliage very beautiful. Forms a fine screen. 10 cents.

CHRYSANTHEMUMS.

No more interesting experiment can be tried in floriculture than raising Chrysanthemums from seed. Exceedingly beautiful new varieties are often obtained in this way.



Small Incurved Chrysanthemum.

Japanese Varieties, from finest named sorts, carefully selected seed, 25 cents for 35 seeds.

Golden Feather. Bright yellow foliage, and large Daisy-like flowers of pure white, ground with rings of yellow and crimson, about two inches in diameter. A very valuable annual; blooms in eight weeks from planting. 10 cents.

COSMOS BIPINNATUS.



Cosmos.

This plant is of strong growth, having elegant foliage. For Fall blooming it has no superior. Seed sown in April or May, and transplanted to open ground, will produce plants five or six feet high by September, and from then to November will be covered with hundreds of blossoms three inches across. Planted in pots and brought inside to flower, like Chrysanthemums, they are grand.

The colors are of various shades, from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases; indeed, it is one of the most beautiful Fall flowers imaginable, and will please all who grow it with a little care and attention. Seed of all colors, mixed, 10 cents per packet.

CANDYTUFT.

Be sure and sow some Candytuft. Very fine for massing or for cut flowers.

Best pure white, 5 cents.



Candytuft Empress.

Empress. A grand new variety, flowering in fine large spikes. Very handsome, pure white flowers, and sweet. Much superior to the common white. 10 cents per packet.

Sempervivens. Quite hardy; pure white. 10 cents.

COLEUS.

Choicest new sorts, mixed. A superb stock, which will produce magnificent varieties. 25 cents.

CAMPANULA. (CANTERBURY BELL.)

A lovely old-fashioned flower.

Single white, 5 cents.

Double mixed, 10 cents.

Single mixed, 5 cents. Single blue, 5 cents.

DATURA.

Double trumpet-formed flowers; white, shaded lavender. Very large. 5 cents.

ESCHSCHOLTZIA (California Poppy).

Blooms profusely all Summer.

Crocea. Rich golden-yellow, foliage sage green, finely divide 5 cents.

Mandarin. Rich orange. 5 cents.

CARNATION, AND PICOTEE.



Carnation.

Sow in February or March, in the house, in very fine, light soil. Mixed colors, 15 cents.

DAHLIAS.



Single, Dahlia.

Single. Finest colors, 15 cents. Double. 10 cents.

EUPHORBIA (Snow on the Mountain.)

5 cents.

FORGET-ME-NOT.

Palustris. The true English Forget-me-not. Soft blue. 5 cents.

Eliza Fanrobert. Largest variety; deep blue, white eye. 10 cents.

DIANTHUS. (Pink.)



Pink.

Chinese pink. A very free bloomer all the season; hardy, and fine the second season also; best mixture, 5 cents.

FOUR-O'-CLOCK.

Best mixed sorts. 5 cents.

GAILLARDIA.

One of the finest perennials; blooms freely the first year. Universally admired. Fine for cutting.

G. Picta Josephus. Broad yellow petals. 5 cents.



Gaillardia Lorenziana.

G. Picta Lorenziana. Most beautiful and distinct in appearance; flowers of globular form, finely divided and fringed. Colors, various shades of crimson-buff and clear yellow. Blooms from June till frost. Very fine for cutting 10 cents.

HOLLYHOCK.

Plant in June or July, in open ground. In the Autumn, when the plants have made five leaves, transplant to permanent position. Set three feet apart. Give a good Winter covering of old manure; they will bloom the next Summer. Nothing can be finer for a background. If these, again, can have a clump of evergreens for their background, you will have no prettier spot in your garden. The individual flowers are as handsome as roses, and of the most beautiful shades. Io cents each.

Double pure white.
Double lemon yellow.
Double rose color.
Double dark red.

Double salmon rose. Double scarlet. Fine double mixed.

HUMULUS JAPONICUS—CLIMBER.

(Japanese Hop Vine.)

One of the most rapid growing climbers, producing dense shade in a very short time; deeply notched and somewhat rough leaves, of a beautiful shade of green. Sow in the open ground. Probably the most useful of annual vines, and still a novelty in this country. 10 cents.

IPOMŒA - Quamoclit.

Small scarlet star; plumy vine. 5 cents.

LARKSPUR - Double.

One of the finest of hardy annuals.

Carmine, 5 cents.

Blue

Blue, 5 cents.

LOBELIA.

One of the prettiest of low border plants. Extra nne for vase or basket.

Crystal Palace. Large blue and white. 5 cents.

Emperor William. Upright grower. Bright marine blue; large flower; the finest for edging, as each plant is perfectly round and compact. 5 cents.

Gracilis. Best of the trailing varieties. 5 cents.

MINA LOBATA - Climber.

A rapid and luxuriant grower for trellises and arbors. Flowers tube-shaped, ¾ of an inch in length, and borne in clusters of fitteen to twenty-five, on graceful, drooping spikes, in great profusion. Color, bright red, changing to orange and cream. 25 cents.

MIGNONETTE.



Giant Pyramid.

We have yet to meet the first person who is not fond of Mignonnette. Sow at intervals during the Spring and Summer.

Odorata. Old-fashioned variety. 5 cents.

Giant Pyramid. Very large flowered. 5 cents.

Machet. Best for growing in pots. 10 cents.

MAURANDYA.

The most delicately pretty of summer vines; as fine as smilax, with small trumpet flowers, of white and pink and lavender. Should be started early.

Fine mixed colors. 10 cents.

MARIGOLD.



African Marigold.

African sorts are tall growing; the French quite dwarf. For the pretty pot Marigold, see Calendula.

African. Best double, mixed. Colors range from pale yellow to deep orange, all very large and double. Grand for large beds or wide borders. 5 cents.

French. Best double, mixed. 5 cents.

French. Gold striped. 5 cents.

NASTURTIUM. (Dwarf.)

An old-fashioned flower, again become very popular, as it deserves. Leafage clean and beautiful, colors rich and velvety; very easy to grow. A bowl of these on any breakfast table is a handsome ornament, and the odor is very sweet and wholesome.

Empress of India. Deep velvety crimson flowers, of fine size, and very dark foliage, marbled with black. Of recent introduction. 10 cents.

Golden King. Golden yellow. 5 cents.

Crystal Palace Gem. Sulphur, spotted maroon. 10 cents.

Ruby King. Fine wine color, with large flowers. Quite new. 5 cents.

Tom Thumb varieties mixed, 5 cents per packet; 15 cents per ounce.

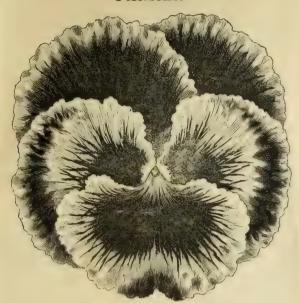
NASTURTIUM. (Climbing.)

For trellises.

Scarlet, 5 cents; per ounce, 15 cents.
Orange, 5 cents; per ounce, 15 cents.
These two mixed, 5 cents; per ounce, 15 cents.

Canariense. (Canary Vine.) Very odd, wing-shaped flowers, of yellow and orange color. A beautiful climber. 10 cents.

PANSIES.



Pansy.

Sow in the open ground, or in a hot-bed, early in the spring, in warm. mellow soil. Transplant, when from one to two inches high, to a cool, moist situation; the north side of a building is a good place for them.

Seed sown in July will bloom late in the fall, and that sown in October and protected during the winter will bloom the following

Many of these varieties have been renamed in this country, but we give them exactly as sent to us. We bought best varieties of first quality seed, positively fresh, from one of the great German specialists in Pansy seed.

The Two Most Popular Sorts.

Giant Odier "Cassiers." One of the newer varieties, with immense large flowers, from 3 to 3½ inches in diameter; they somewhat resemble the old Odier or blotched variety, and surpass all others for fine form, large size, richness, and endless variety of color. Price per packet, 15 cents.

Giant Trimardeau. An entirely distinct and beautiful race, which will commend itself to all lovers of this popular flower; the plants are of vigorous though compact habit; the flowers are carried well, and each one is marked with three large blotches or spots; they are of refined form, and present a notable difference from those of all known races, in being of a size hitherto quite unattained in this genius. Packet, 15 cents.

Atropurpurea. Dark purple violet. 5 cents.

Atropurpurea Alba Marginata. Silver edge; very fine. 5c. Black. With gold bronze markings. 5 cents.

King of the Blacks. (Roi des Noirs.) Deep coal black. 10

Emperor William. Splendid large flowered Pansy, of a brilliant ultramarine blue, with well-defined eye of purple violet. The flowers are very large, borne well above the foliage. 10 cents.

Light Blue. 10 cents.

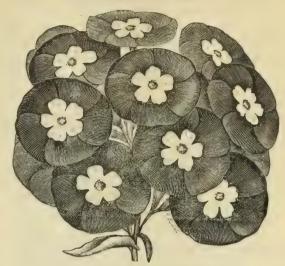
Purple. With gold edge. 5 cents.

Pure Yellow. 5 cents.

Snow Queen. Pure white. 10 cents.

Finest Mixed Pansy Seed. 10 cents per packet; ¼ oz., \$2.

PHLOX DRUMMONDI GRANDIFLORA.



Philox Drummondi Grandiflora.

(We do not offer the old Drummondi at all.) The varieties of Grandiflora are, as the name indicates, much larger and finer in every respect than the strain ordinarily sold. The colors we offer are very positive and perfectly gorgeous in their brilliancy, and the effect produced by planting different colors side by side is lovely. The seed germinates very easily, and can be sown in the open ground early in April

Alba. Pure white. 10 cents.

Isabellina. Pale Yellow. 10 cents.

Leopoldi. Rosy crimson, with large white eye. 10 cents.

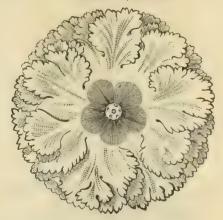
Rosea. Fine shades of rose. 10 cents.

Splendens. The richest colored and most effective of all the large flowering varieties; crimson. 10 cents.

Grandiflora Mixed. Most brilliant and perfectly formed flowers. 5 cents.

Nana Compacta. Varieties of lower growing habit, having numerous large sized flowers of most brilliant colors. Splendid for bedding; mixed. 10 cents.

PRIMULA SINENSIS (Chinese Primrose.)



Directions for cultivation on every packet of seed.

Fimbriata, Veitch's Suberb Fringed. Mixed colors. 25 cts.

POPPIES.-Single.

To flower continuously, seed pods must be kept off.

Papaver Daneborg. (The Danish Flag.) Scarlet and pure whites in the shape of a cross. 5 cents.

Umbrosum. Most intense crimson-scarlet, each petal having a large black blotch at the base; flowers borne singly on stems a foot high; lasts two months in perfection, and is magnificient for bedding. 5 cents.

Orientalis. 9 to 10 inches in diameter. of deep scarlet, with black centre, surmounted by the great circle of tremulous, dark stamens. Quite hardy in the north; the plant is 2 to 2½ feet high; the bush is often the same width across, and with 15 or 20 of these immense scarlet blooms is a sight to be remembered. Blooms the last of May or the first of June. 10 cents.

Fine Double Poppies. We have a superior strain of these, with flowers as fine as largest double Dahlias; the colors are distinct, and range from red to pure white, maroon and crimson. 5c.

PETUNIA.

SINGLE.

Grandiflora Fimbriata. Single Fringed varieties in splendid mixture. 25 cents.

Inimitable Nana Compacta Multiflora. This charming variety has proved a decided acquisition; its little bushy plants, five to eight inches high by as much in diameter, studded with their regularly striped flowers, are exceedingly effective. 10 cents.

DOUBLE.

Note.—Double Petunia seed should not be covered too deeply in sowing.

Grandiflora Flore Pleno. Saved from special nowers, finely marked, and of large size. 25 cents.

Grandiflora Fimbriata Flore Pleno. Also saved from finely fringed and very distinctly blotched flowers; the very finest quality possible to obtain. 35 cents.

PORTULACCA.—Double.

White, yellow, rose, red, mixed. 5 cents.

RICINUS (Castor-Oil Plant.)

Foliage very handsome Attains a height of 6 to 8 feet in a season. A grand tropical plant. Mixed varieties. 5 cents.

STOCKS.



Gilliflower, or Ten-Week Stock.

Especially valuable for blooming only the more finely in September and October. Our strain is particularly large flowered and double.

Dwarf. WHITE, YELLOW, ROSE, LILAC, APPLE-BLOSSOM. Separate, each, 10 cents; mixed, 10 cents.

SALVIA SPLENDENS.

A grand plant. Tassels of velvety scarlet bloom. Very profuse bloomer. 10 cents. See cut, page 46.

SMILAX.

The elegant glossy climber, so much used for dress and in-door decoration. 10 cents.

SCABIOSA (Mourning Bride).

One of the handsomest flowers for Summer bouquets. Velvety crimson and maroon predominating colors; and of the greatest freedom of bloom. Mixed, 5 cents.

SWEET PEA.

A most lovely climbing plant. No cut flower has the fresh, delicious perfume of the Sweet Pea. When cut for filling vases, the blooms will last for days, and the distinct colors are very beautiful. Plant them early, and four to five inches deep, in rich soil; support with brush or a trellis when one foot high, and the oftener the flowers are cut the more you will have. Don't fail to plant some this year.

Adonis. Rose-pink, 5 cents.

Butterfly. White ground, delicately laced with lavender blue. Very fragrant and valuable for bouquets. 5 cents.

Crown Princess of Prussia. A delicate blush; very fine. 5 cents.

Painted Lady. Rose and white. 5 cents.

Scarlet Invincible. Rich scarlet. 5 cents.

Violet Queen. A charming variety, ranging from deep mauve to pale heliotrope. 10 cents.

White. 5 cents.

Mixed. 5 cents.

Everlasting Pea. Showy, free-flowering plants, growing in any common soil; very ornamental on trellis work, old stumps, fences, or walls; hardy perennials. Mixed colors, 5 feet, 10 cents. Pure white, 10 cents. See cut, page 69.

SWEET WILLIAM.

Hardy perennial. Another lovely old-fashioned flower. Mixed colors, 5 cents.

VINCA.

A fine shrubby plant, with thick, glossy, dark green leaves, and flowers of white and rose color. A beautiful garden plant; also makes a fine pot plant of regular tree form. Both colors, mixed, to cents.

VERBENA.

Candidissma. Pure white, 10 cents.

Scarlet, 10 cents.

Best mixture, 10 cents.

WALLFLOWER - Double.

The sweet old garden favorite. Double, all best colors mixed, 5 cents. Selected from named varieties, 10 cents.

ZINNIA.

A very handsome annual, where clear shades are obtained; double varieties only. A very fine Summer bedding plant, blooming anywhere, and under any treatment. Excellent for producing masses of color.

Pure, clear shades only, both dwarf and tall varieties. 5 cents.



Zinnia.

FANCY GRASSES.

They form handsome ornamental clumps in the garden, and are very beautiful for forming Makart bouquets for winter.

Avena Sterilis. (Animated oats.) 5 cents.

Briza Maxima. (Quaking grass.) Very useful. 5 cents.

Coix Lachryma. (Job's Tears.) These have a hole through each seed, and are used to make necklaces for children; they are very pretty for that purpose. Broad, maize-like leaves. 5 cts.

Erianthus Ravennæ. Much like Pampas grass; a magnificent ornament for the lawn. 10 cents.

Arundo Donax. Grows six feet in height, with silver-striped leaves; similar to the Bamboo. 10 cents.

LAWN GRASS.

Nothing is more attractive than a rich, green, velvety lawn. To have one, observe the following brief hints: The best time to sow Lawn Grass Seed is early in the spring, or about the latter part of August. We prefer the early spring. In the first place, see that your ground is thoroughly drained and well prepared, and sow at least three bushels of seed to the acre. If your ground is

in condition to raise a good crop of potatoes, it will make a good lawn, by adding about half a ton of bone dust to the acre, harrowed in before sowing the seed. The success of establishing a good lawn depends much on the season and the condition of the ground at the time of sowing. A very slight raking in will protect the seed much, or a sowing of wood ashes will render it distasteful to birds. Rolling, however, is at all times indispensable. Mowing alone will not secure a good bottom without that compression which the roller gives. When the grass is established, it should be frequently cut.



If by mail, postage must be added at the rate of 4 cents per quart.

Central Park Mixture. Composed of dwarf and close-growing grasses which, properly managed, produce a fine, velvety lawn and permanent sod. Per quart, 25 cents; bushel, \$4 00.

VEGETABLE SEEDS.

The seeds not grown on our own grounds are purchased from the most reliable dealers and growers of our own country, and all have been carefully tested.

All seeds listed are free by mail, postage prepaid. Don't forget this in comparing prices with the prices of other houses. Same premiums on packets allowed as on flower seeds. (See page 69.)

ASPARAGUS.

One of the most delicate and popular of our early vegetables. Soak the seed for a day and a night in warm water. Plant in drills two inches deep and 10 to 12 inches apart, in rich, mellow soil, and as early in the season as possible. When two years old transplant to your asparagus bed, which must be deeply dug, and rich. Set about 1 foot apart each way and about 4 inches deep. Cover the bed with manure each fall, fork in early in the spring, and sprinkle the bed liberally with salt after cutting.

Conover's Colossal. The standard variety, and unsurpassed in quality by any novelty, we think; as large as any variety, the most prolific, and of excellent quality. Packet, 5 cts.; oz., 10 cts.

Two-year-old roots of this variety, per hundred, prepaid by mail, \$3.00.

DWARF OR BUSH BEANS.

No garden should be without these snap beans, which are not one whit like the old varieties which we used to call "string beans," because they were so "stringy." One of the most delicate and delicious of modern vegetables.

Ne Plus Ultra. Green flat pods, very productive, one of the very best for early forcing, and probably the finest snap bean in cultivation, as it is the very earliest garden variety. Packet, 10 cents; quart, 40 cents.

Golden Butter Wax. Large round golden pods, with black seed; quality is excellent, being delicate in flavor and creamy. A very early variety. Packet, 10 cents; quart, 40 cents.

Golden Wax. One of the best known; long yellow pods, early, stringless and tender, quite dwarf and prolific; seeds, marbled purple. Packet, 10 cents; quart, 40 cents.

Early Mohawk. Valuable as not being so sensitive to frost as most of the bush varieties. Pods 5 to 6 inches long; color of seed, grey and nurble; green pods, Packet, 10 cts.; quart, 30 cts.

Yellow Six Weeks. Very long pods, brittle and tender; seed, yellowish gray. Packet, 10 cents; 30 cents per quart.

Refugee, or 1000 to 1. Medium to late and very productive; young pods tender and fine flavored; seeds yellow, mottled purple. Also, a good pickling variety. Packet, 10 cents; 30 cts. per quart.

Thorburn's Extra Early Refugee. (In sealed packages.) An extra good new strain, which has all the fine qualities of the celebrated Refugee, besides bearing full two weeks earlier. A sure crop. 15 cents per packet.

Early Valentine. Red mottled seeds in round green pods; a very popular sort; pods brittle and tender; matures in 35 to 40 days; of very fine flavor. Good for marketing or for the family garden. Packet, 10 cents; 30 cents per quart.

POLE BEANS.

Do not plant your Lima varieties till ALL danger of frost is past.

Dutch Case Knife. Pods long, green, and flat, can be used as a snap or shelled bean. Very productive, and one of the earliest. (Not a Lima variety.) Packet, 10 cents; 40 cents per quart.

King of the Garden Lima. Very prolific and vigorous grower, and an immense yielder; large in pod and bean. 25 cts. per pint; 40 cents per quart.

Large Lima. (White.) Large, flat, kidney-shaped beans; decidedly the finest flavored of the Limas, either green or ripe; very tender; fine for home or market. 25 cents per pint; 40 cts. per quart.

Dreer's Lima. Early and very hardy; beans thick and round; matures early, is of fine quality, and an abundant bearer. 25 cts. per pint; 40 cents per quart.

BEETS-Fine Table Varieties.

Extra Early Egyptian. Deep red, of turnip shape; very valuable on account of its earliness, and a standard variety. Packet, 5 cents; per ounce, 10 cents.

Eclipse. Nearly as early as Egyptian, and a finer variety; of round globe shape, deep crimson in color; very tender, and of fine flavor. Packet, 5 cents; per ounce, 10 cents.

Bastian's Blood Turnip Beet. Large, tender and sugary; follows Eclipse in earliness; rather flat, and a nice red—another standard variety. Packet, 5 cents; per ounce, 10 cents.

Long Smooth Blood. A long, round variety, deep red, late, and excellent for winter use. Packet, 5 cents; per ounce, 10 cents.

CABBAGE.



Varieties of Early Summer Cabbage.

Early Jersey Wakefield. A favorite sort everywhere, one of the earliest of the summer varieties; tender and delicious; finest American seed. A standard variety. Per packet, 5 cents; oz., 35c. Small Early Ulm Savoy. A very early Savoy variety, finely flavored and dwarf; very dceply netted. Packet, 5 cents.

Improved Early Summer. A fine, early sort, coming in just after Wakefield, but of much greater size, being almost equal to the late varieties; very solid; the best early cabbage. Finest American seed. Packet, 5 cents; ounce, 35 cents.

Early Winnigstedt. A second early variety (following the above) of great excellence; one of the best known; immense size. Per packet, 5 cents; ounce, 15 cents.



Premium Flat Dutch.

LATE VARIETIES.

Premium Flat Dutch. For the winter this has no superior; heads large, round, solid. Packet, 10 cents; ounce, 25.

Large Late Drumhead. Another fine main crop winter variety. Best American seed. Packet, 10 cents; ounce, 25 cts.

Fottler's Improved Brunswick. Similar to the Drumhead varieties, and suitable for midseason use or for early winter. A very fine variety. Packet, 10 cents; ounce, 20 cents.

Red Dutch, or Pickling. Very hard; of a dark red color. Packet, 5 cents.

CUCUMBER.

Early Table Varieties.

Improved Early White Spine. Six to eight inches long, and two to three in diameter; crisp and fine flavored, and one of the earliest. A good sort for forcing. Packet, 5 cents.

Early Russian. Very early, 3 to 4 inches long; also used for early pickles, as it is very free bearing. Packets, 5 cents.

Tailby's Hybrid. Very long, and the finest variety for general family use. Packet, 5 cents.

Cucumbers for Pickling.

Early Short Green. (Gherkin.) Four to five inches long, and very productive. Packet, 5 cents.

Green Prolific. One of the best for pickling, dark green, and of uniform size, very small; just what the ladies like for this purpose. 5 cents.

CARROTS.

Almost indispensable for soups and French stews. Two fine sorts are:

Extra Early Forcing. Tender and fine; good for early or late crop; small, round root, of bright orange red color. Packet, 5 cents.

Danvers Half-Long. Very desirable. A good "chunky" variety, not tapering much, and of the most brilliant color. Fine for the table, and productive enough for the field. Packet, 5 cents.

CAULIFLOWER.

Thorburn's Early Snowball. A celebrated strain of this delicious vegetable. Earliest and surest heading variety, In sealed packages, 25 cents,

Late Algiers. The best variety for general use; thousands of acres of this variety are grown every year. Packet, 10 cents.

CELERY.

Improved White Plume. Has naturally white or light foliage, and requires little blanching. Very early; a beautiful table variety. Packet, 10 cents.

Golden Dwarf. (Self blanching.) Exactly similar to White Plume save in color, which is bright golden. Largely used in all celery growing districts. Packet, 10 cents.

SWEET CORN-Extra Early.

Extra Early Cory. The earliest, with fair-sized ears and large grains. Packet, 10 cents.

Perry's Hybrid. Extra early; has large, fine ears; probably the best early sweet corn for market gardeners. Packet, 10 cents; quart, 35 cents.

Minnesota. Early; good flavor; ears medium size. Packet, 10 cents; quart, 30 cents.

Intermediate.

Hickox Improved Sugar. Valuable intermediate sort; ears twelve rowed and of the very finest quality. Splendid for market or for the family. Packet, 10 cents; quart, 30 cents.

Stowell's Evergreen. The standard late variety; remains longer in a green state than any other. Packet, 10 cents; quart, 30 cents.

Late.

Late Mammoth Sugar. Large ears; very late, and very productive; of unusually fine flavor. Packet, 10 cents; quart, 35cts.

Ne Plus Ultra. Small and late, but one of the best sorts known. Packet, 10 cents; quart, 30 cents.

EGG PLANT.

Improved New York. So decidedly superior to other sorts that we grow no other. Egg plant is a real luxury when properly fried, and should be more generally grown. 10 cents per packet.

LETTUCE.

Early Curled Simpson. Does not head, but forms a fine rosette of leaves quite nicely curled; on this account it is ready to use much earlier than the solid varieties. A fine forcing variety. Packet, 10 cents.

Black-Seeded Simpson. Similar in form to Early C. Simpson, but the leaves are almost white, and twice as large as in that variety. Stands the summer heat finely, also fine for forcing. Packet, 10 cents.

White-Seeded Tennis, or Boston. Early and crisp, withstands the sun finely, forming a fine solid head of large size. Packet, 10 cents.

Black-Seeded Butter. Delicate crisp variety, forming a fine solid head of much larger size than Tennis. Packet, 10 cents.

Gray-Seeded Butter. Superior yellow heads, very crisp and tender; head of unusual size and beautiful color. Packet, 10 cts.

Shotwell's Brown Head. One of the finest solid heading sorts; very hardy. An extra fine all-round variety. Packet, 10c.

MELONS.

Musk Melon.

Golden Netted Gem. Fine green flesh; one of the very earliest of melons grown; a great bearer. The fruit is of small globe shape, weighing from one to one and one-half pounds. Very fine flavored. 5 cents per packet.

Emerald Gem. An extra early variety, with orange-colored flesh and a smooth ribbed rind; very dark green. One of the

finest additions of later years; delicious flavor. 5 cents per packet.

Green Montreal. Immense, fine flavored melon; round and netted; flesh thick and good; much used in the north. 5 cents per packet.

Water Melon.

The Boss. A fine, oblong melon of almost uniform diameter; rind dark green; flesh bright scarlet. Early and productive. 5 cents per packet.

Ice Cream, or Mountain Sweet. Of medium size, and nearly round; rind very pale green and thin; flesh bright scarlet, solid, and of delicious flavor. Packet, 5 cents.

Phinney's. Very vigorous and productive; fine flavor. An early bearer. The grain of the flesh is very fine and beautifully colored. One of the very finest melons grown. Packet, 5 cents.

Goodwin's Imperial. One of the oldest standard varieties, with deep crimson flesh; first rate quality; small, nearly round, and very early in maturing. Packet, 5 cents.

onions.

White Portugal, or Silver Skin. Mild flavor; grown extensively for pickling. Packet, 10 cents; ounce, 30 cents.

Large Red Southport Globe. Very productive. Packet, 5 cents; ounce, 20 cents.

Yellow Globe Danvers. The best yellow variety grown. Packet, 5 cents; ounce, 20 cents.

Wethersfield, Large Red. Keeps splendidly through the winter, and is very productive. A popular favorite. Package, 5 cents; ounce, 20 cents.

English White Pickling. Of small, uniform size; a fine variety for pickles. Packet, 5 cents; ounce, 30 cents.

PEPPER.

Large Bell, or Bull Nose. One of the best, very early, and of mild flavor; a favorite variety for pickling; of good size; suitable for "Mangoes." Packet, 5 cents.

Golden Dawn. Fine, sweet pepper, of more delicate flavor than Large Bell, but quite similar in size and shape, while the color is a beautiful golden yellow. Packet, 10 cents.

Long Red Cayenne. Quite late in coloring, but quite as effective (!) green as ripe. Pods small and cone-shaped. The well known Cayenne. Packet, 5 cents.

Large Bell, or Bull Nose. Cayenne. Packet, 5 cents.

PARSLEY.

Extra Double Curled. The variety so highly prized for trimming plates of cold meats. Pot or box a few plants in the fall, and remove to the cellar for winter use. Packet, 5 cents.

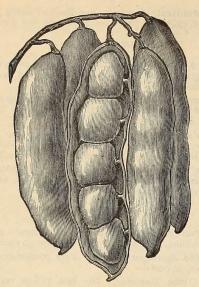
PARSNIP.

Long Smooth, or Hollow Crown. The best for general use, and most productive. A fine solid variety, and finely flavored. Named for the depression in the crown. Packet, 5 cents; ounce, 10 cents.

PUMPKIN.

Packet, 5 cents.





Do not plant any of the wrinkled varieties until the ground is warm and mellow.

Early Varieties.

American Wonder. A delicious pea; requires no staking, but wants good culttvation; a wrinkled marrow. About 10 inches high. Packet, 10 cents; quart, 60 cents.

Little Gem. Extra early; straight pods; 12 to 15 inches. Very prolific, and very finely flavored. Packet, 10 cents; quart, 50 cents.

Tom Thumb. Nine inches high. Extra early, and in great demand. Can be had all through the season, if planted in successive crops. Yields abundantly. Packet, 10 cents; quart, 50 cents.

General Crop.

Yorkshire Hero. The very best second early; large wrinkled sort, 3 feet high; a splendid variety, very branching, and an abundant bearer. Grows more popular every year. Packet, 10 cents; quart, 50 cents.

Telephone. Four feet; wrinkled marrow. An extra fine introduction of late years; a late variety of immense yield; vines very strong, averaging fifteen to twenty pods to a stalk. Most delicious. Packet, 10 cents; quart, 70 cents.

Stratagem. One and one-half feet; wrinkled. Vigorous and very productive; long, closely-packed pods. Packet, 10 cents; quart, 70 cents.

SQUASH.

Early White Bush. A very early, flat, scalloped variety; very productive; should be used before the rind hardens, when it is creamy and delicious. Packet, 5 cents; ounce, 10 cents.

Boston Marrow. Oval, bright orange; flesh yellow and fine. Packet, 5 cents; ounce, 10 cents.

Hubbard. The well-known late variety; of fine quality. Packet, 5 cents; ounce, 10 cents.

Little Cocoanut. A very fine flavored variety, and a very abundant bearer; very fine for family use. Packet, 5 cts.; ounce, to cents.



Chartrier.

RADISH.

Sow in light, rich soil, as soon as the earth is warm; if a succession is wished, sow about 10 days apart.

French Breakfast. Very early, pink and white, and crisp; of fine shape, being oblong, and not running to a long, tough point. Packet, 5 cents; ounce, 10 cents.

French Scarlet Turnip Radish. Very early, and of handsome appearance; almost globular. Packet, 5 cts.; ounce, 10 cents.

Early White Turnip Radish. Flesh pure white, crisp, juicy, and sweet. Packet, 5 cents; ounce, 10 cents.

White Strasburg Summer. Very large and crisp; a great favorite with the Germans; one of the best. Packet, 5 cents; ounce, 10 cents.

Improved Chartrier. Shades from crimson to white; very good and tender. Long and slender, but not very long pointed. Packet, 5 cents; ounce, 10 cents.

TURNIP.

Early White Flat Dutch. Of quick growth and mild flavor. Excellent in quality for table use. Packet, 5 cents; ounce, 10 cents.

Purple-Top Munich. The earliest of all the turnips; of medium size and fine grain. Packet, 5 cents; ounce, 10 cents.

Improved Ruta Baga. A hardy, prolific variety, handsomely colored and fine for the table; keeps perfectly till spring. Packet, 5 cents; ounce, 10 cents.

TOMATO.

Trophy. Well known; one of the very best; produces immense quantities of large, smooth, bright fruit. Packet, 5 cents.

Livingston's Beauty. Of large size and regular appearance; color glossy crimson, with a rich purplish tinge; comes in clusters of four and five. Very solid. (1887.) Packet, 5 cents.

Livingston's Favorite. One of the largest and most perfect in cultivation. Ripens evenly and early, and holds its size till frost. Very prolific, and has few seeds. Packet, 5 cents.

Volunteer. Large size; 6 to 10 ounces; round, smooth, bright red, little or no core. A very abundant bearer, and of the finest quality for table use. Its solidity makes it fine for canning. (New 1888.) Packet, 10 cents.

Optimus. The flesh is scarlet crimson, very solid and of fine flavor, entirely free from core. Borne in clusters, and remarkably early. (New 1888.) Packet, 10 cents,

Mikado. Foliage totally distinct from every other variety. Rough skinned, purplish red. Very heavy fruit, produced in clusters. (1886.) Packet, 10 cents.

HERB SEEDS.

Sweet Basil. Packet, 5 cents.

Sweet Marjoram. Packet, 5 cents.

Sage, Summer Savory. Packet, 5 cents,

Thyme. Packet, 10 cents.

The Very Rewest Chrysanthemums,

EXHIBITED AT THE NOVEMBER SHOWS.

AND NOW OFFERED FOR THE FIRST TIME.

In response to many inquiries from our customers, as to the newest varieties so much talked of at the various shows of November, 1888, we have made arrangements with the various owners for the following notable kinds; these will be delivered to us promptly ON MARCH 1st, and will be immediately forwarded to customers who have placed their orders for them. Prices quoted for them are net, and no discounts or premiums are allowed upon them, as our margin of profit is extremely small.

Mrs. Alpheus Hardy. This wonderful Chrysanthemum has created a sensation wherever shown, being totally distinct from every other variety. It is pure white, of immense size, broad petaled, and incurved, the surface being downy, like loose-piled plush; the entire flower seems frosted with glittering white. A strong grower, of healthy constitution. Sent from Japan to a lady of Boston, whose name it bears.

Cut blooms of it, exhibited at New York, Philadelphia, Boston, Orange, and Indianapolis, were at each place the cen-

ter of admiring crowds throughout the exhibition. Ready

March 1st. Price, \$1.00.

Lilian B. Bird. Came in the same set with Mrs. Hardy. Of the very largest size, with full, high center; petals tubular, and of varying lengths; the flower when fully open being an immense half globe; the color is an exquisite shade of "shrimp pink." Price, \$1.00 each. Ready March 1st.

Wm. H. Lincoln. A magnificent golden yellow variety, with straight, flat, spreading petals. An extra large flower, completely double, and of great substance. Ready March 1st. Price, \$1.00 each.

Mrs. Andrew Carnegie. Raised by Wm. Hamilton, of Alleghany, and took the grand silver cup offered by Mrs. Carnegie at the New York show. Velvety ox-blood red of great size. Ready March 1st. Price, \$2.00 each.

Mrs. W. K. Harris. (Waterer.) "Deepest rich golden yellow, thoroughly incurved; in the way of Grandiflorum, but far larger and finer; probably the finest yellow in cultiva-tion. Winner of the Blanc prize, Philadelphia, November, 1888." Ready March 1st. Price, \$2.00 each.

Edwin H. Fitler. Rich brilliant yellow, slightly streaked with red, giving it a somewhat bronzy appearance without detracting from its unusual brightness; of distinct, symetrical form and great substance. "The Fitler stands alone, and is one of the most lovely, distinguished and valuable sorts ever introduced." Ready March 1st. Price, \$1.00.

Miss Mary Wheeler. Pearly white, the petals delicately tinted on outer edge with pale pink; of exquisite form; a good grower and very profuse bloomer; very beautiful. Ready March 1st. Price, \$1.00.

Mrs. Irving Clarke. Pearly white on the margin, shading to deep rose in the center, which is beautifully whorled; reflexed; very large and distinct. Ready March 1st. Price,

Mrs. Levi P. Morton. Of distinct and unique appearance; bright pink; the floret petals are wide and long, and radiate with the utmost regularity from the disc; the base of each petal is pure white, forming a broad and decided ring around the yellow center. Awarded first premium for best seedling at Orange, (N. J.,) show, Nov. 7th, 1888. Ready March 1st. Price, \$1.00.

Mrs. George D. Coleman. Deep lavender; reflexed; broad petals; immense size; a grand variety. Ready March 1st. Price, \$1.00.

Sunnyside. Of delicate flesh tint when opening, becoming white when fully expanded; quilled floret petals; immense size, and great substance; in general appearance somewhat suggestive of a Pond Lily. Conspicuous, distinct, and valuable. Ready March 1st. Price, \$1.00.

Beauty of Kingsessing. Pale lavender; outer petals reflexed, inner ones recurved; very full, the blooms measuring ten inches across. Ready March 1st. Price, \$1.00.

Rose Hill. Pale pink; about the shade of "Grace Wilder" Carnation; long, narrow petals, forming immense ball, Very distinct and charming. Ready March 1st. Price, \$1.00.

Mountain of Snow. Pure white; distinct; immense size and borne on long erect stems, the blooms forming a perfect ball. Magnificent as an exhibition plant or for cut flowers. Ready March 1st. Price, \$1.00.

Colossal. (Waterer.) Probably the largest of all Chrysanthemums; in form somewhat flat, with tips of petals incurved; color pearl-pink, changing to blush. A December blooming variety. Ready March 1st. Price, \$1.00 each.

Mrs. A. C. Burpee. Chrome yellow; reflexed; full double flower, the lower petals extending beyond the main flower, giving it a chaste and beautiful appearance. Robust and profuse. Ready March 1st. Price, \$1.00.

